

Academic Annual Report

2012/2013



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Programs, by School

School of Business & Applied Arts

3D Computer Graphics (A) American Sign Language -English Interpretation (J) Applied Accounting (C) Aviation Management (D) Business Administration (D) Business Administration Integrated (D) Business Information Technology (D) Commerce Industry Sales & Marketing (C) Creative Communications (D) Deaf Literacy Deaf Studies (C) Digital Media Design (D) (L) Graphic Design (D) Graphic Design - Advanced (A) Health Information Management (D) International Business (A) Introduction to Business Information Technology (C) Library and Information Technology (D) Technical Communication (Co) (D)

School of Construction & Engineering Technologies

Architectural/Engineering Technology

(Co) (D) (L) Building Design CAD Technology (Co) (D) Cabinetry and Woodworking -Certificate (C) Cabinetry and Woodworking Technology (D) Carpentry (C) Civil Engineering Technology (Co) (L) Construction Management (Degree) Electrical (C) Electrical Engineering Technology (D) Electronic and Network Technology (C) Electronic Engineering Technology (D) Electrical/Electronic Engineering Technology Integrated (D) **Environmental Protection Technology** (Co) (D) (L) Geographic Information Systems (GIS) Technology (A)

Geomatics Technology (Co) (D) (L)
Greenspace Management (Co) (D)
Instrumentation Engineering Technology (D)
Municipal Engineering Technology
(Co) (D) (L)

Network Technology (CCNA) Certificate (C) Network Technology (CCNP) Certificate (C) Network Technology (CCNP) Diploma (D) Plumbing (C) Refrigeration and Air Conditioning Technician (C) Structural Engineering Technology (Co) (D) (L)

School of Continuing Education

Administrative Assistant (C)
Applied Counselling (C)
Educational Assistant (C)
Health Unit Clerk (C)
Legal Administrative Assistant (C)
Occupational Health & Safety (C)
Power Engineering - 5th Class (C)
Professional Photography (C)
Railway Conductor (C)
Recreation Facilitator for Older Adults (C)
Residential Decorating (C)

School of Health Sciences & Community Services

Animal Health Technology (D) Bachelor of Nursing (Degree) Chemical and Biosciences Technology (Co) (D) Child and Youth Care (D) Dental Assisting - Level II (C) Disability and Community Support (D) Early Childhood Education (D) Early Childhood Education - Workplace (D) Health Care Aide (C) Magnetic Resonance Imaging (MRI) and Spectroscopy (A) Medical Laboratory Sciences (D) Medical Radiologic Technology (D) Paramedicine - Primary Care Paramedic (C) Pharmaceutical Manufacturing (C) Quality Assurance/Quality Control (QA/QC) in the Pharmaceutical Industry (A) Rehabilitation Assistant (C)

School of Hospitality & Culinary Arts

Culinary Arts (Co) (D) (L)
Hospitality & Tourism Management
(Co) (D) (L)
Hotel & Restaurant Management
(Co) (D) (L)
Professional Baking & Patisserie (Co) (C) (L)

School of Indigenous Education

Aboriginal Language Specialist (D)
Aboriginal Self-Government
Administration (D)
Academic Development Programs (C)
ACCESS Model Programs
Biindigen College Studies (C)
Community Development /Community
Economic Development (D)
Computer Applications for Business (D)

School of Transportation, Aviation & Manufacturing

Aerospace Manufacturing (C)

Aircraft Maintenance Engineer (D)

Automotive Service Education Automotive Technician - Certificate (C) Automotive Technician - Diploma (D) Collision Refinishing (C) Collision Repair and Refinishing (C) Heavy Duty Equipment Mechanic (C) Introduction to Aircraft Maintenance Engineer (C) Manufacturing CAD (C) Manufacturing Technician (D) Mechanical Engineering Technology (Co) (D) Outdoor Power Equipment Technician (C) Power Engineering Technology (D) Precision Metal Machining (C) Technology Management (A) Welding (C)

Centre for Teaching Excellence, Innovation & Research

Business/Technology Teacher Education (J)
Business/Technology Teacher Education
- After Degree (J)
Industrial Arts/Technology Teacher
Education (J)
Industrial Arts/Technology Teacher
Education - After Degree (J)
Technical Vocational Teacher Education (D)

Language Training Centre

English as an Additional Language (EAL) Programs (C)

⁽A) Advanced Diploma program (C) Certificate program (usually 10 months) (Co) Co-operative Education programs (may be optional) (Degree) Degree program

⁽D) Diploma program (usually 2 years or more)

⁽J) Joint program with the Univ. of Manitoba or Univ. of Winnipeg (L) Laptop computer delivery

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The Year in Review 2012/2013



Stan Chung, Vice-President, Academic and Research

9,070 students enrolled in full-time certificate, diploma, advanced diploma and degree programs in 2012-13. An additional 16,393 students were studying in part-time programs, and 3,336 students took apprenticeship training.

Red River College is by far the largest institute of applied learning in Manitoba. With three campuses in Winnipeg, and five regional campus operations, the impact of our academic and research activities is felt across the province.

To create growth in a knowledge economy, and support the provincial government's target of adding 75,000 new workers to the provincial labour force by 2020, Manitoba needs to expand its commitment to skills training, especially in the college sector. We also need to continue to serve more students from rural, Aboriginal, new immigrant and international communities. The College's Strategic Plan provides the vision that will allow Red River College to achieve those goals, and progress and accountability are reported annually in the Academic Annual Report.

This year also marked the implementation of the College's Strategic Plan. This three-year plan addresses many global economic challenges to ensure the sustained growth of Red River College.

The global economic pressures mean that Red River College's Strategic Plan must meet the challenges to provide current programming while finding new and innovate ways to anticipate and serve the needs of a dynamic population. The process of developing the plan spanned over ten months of data gathering, consultation, and development by the College community and the Board of Governors. It was a process reflecting on the past plan, interviews with

external stakeholders conducted by an arm's length research organization and extensive consultations with College faculty and staff.

In the end the plan focused on four themes that have served to guide us through our initiatives over the past year. These themes have helped us focus our efforts in programming, recruitment, retention, and promotion and awareness of Red River College.

These four themes are:

- Fuel Manitoba's economic growth and community development
- · Lead Aboriginal achievement
- · Strengthen student achievement
- Improve the College's triple bottom line: people, planet, profits

Throughout this report you will see how our faculty, program staff, deans and leaders within the College community have adopted these themes and used them to help meet the goals of this three-year plan, while providing the necessary opportunities for the College to grow and for our programs to remain current and relevant in today's ever-changing global economy. Highlights from 2012-2013 academic year include:

- RRC continues to build innovative partnerships with colleges and universities throughout the world, including institutions in China, India, South America and Europe. During the 2012-13 academic year RRC had more than 150 students from China alone, and another 380 from several other countries, enrolled in three campuses. These successful models will be repeated to attract students from India with five-year agreements. In early 2013 agreements were signed with the following institutions:
 - Bal Bharati Institute, Mumbai, India
 - Continental Institute for International Studies, Chandigarh, India
 - Knowledge Consortium of Gujarat, Gandhinagar, India
 - St. Mary's College, Hyderabad, India
 - Xplora Design Skool, Ahmedabad, India
 - Shijiazhuang University, China
- Construction was completed on RRC's new School in Winnipeg's Exchange District and in January 2013 RRC opened the Paterson GlobalFoods Institute (PGI). Classes officially started on January 9th for 300 students enrolled in the Hospitality and Culinary Arts programs. As well the School's new residence opened that month and welcomed its first group of student residents. In February the School's anchor restaurant, Jane's, opened its doors to the public. This living classroom offers urban upscale dining in one of Winnipeg's popular evening districts. The restaurant is modeled after some of the best European culinary arts schools.

- On June 30, 2013 Dental Assisting graduates from Red River College's Winkler Campus geared up for a summer trip to Guatemala, where they provided free clinical care for local residents in five different locations. As part of their fifth annual summer mission to the region, five recent RRC grads (now registered dental assistants), as well as a dentist, a dental therapist, and a dental instructor from the College, will provide free dental care to approximately 2,540 Guatemalans double the number they provided care for during their last trip in 2012.
- A number of activities were held to reach out early to young learners whose backgrounds might not normally lead them to college or university. RRC participated in the award-winning Career Trek and College and University Bound programs with Manitoba Schools, and hosted several on-campus youth activities such as the Hands on Activity Week for Kids (H.A.W.K.), Girls Exploring Trades & Technology (GETT) Camps, Network and Electronic Kids Kamps, the Technology Exploration Camps (TEC@RRC), the Manitoba First Nations Science Fair, and Skills Canada competitions.
- Red River College developed and is currently finalizing a Campus Master Plan that will direct future planning and growth relating to sustainability, campus life, learning and relationships with the community. The plan has taken into consideration all of RRC's current facilities, along with the anticipated Skilled Trades Technology Centre that was announced in the 2013 Provincial Budget. This plan will ensure that the College will continue to keep pace with necessary industry requirements.
- On December 4, 2012 Red River College President Stephanie Forsyth addressed a packed house at an Aboriginal Chamber of Commerce luncheon speaking on the topic of Aboriginal post-secondary education. Forsyth discussed the College's longstanding commitment to engaging and supporting Aboriginal students; shared some success stories about Aboriginal graduates who are making a difference in their communities; and outlined how the College plans to make Aboriginal student achievement a strategic priority by integrating traditional knowledge and practices throughout the organization.
- During the 2012-13 academic year, Red River College received almost \$1.7 million through NSERC's Community and College Innovation Program to establish the A2i2: Advanced Aerospace Innovation Initiative. This new technology access centre focused on making RRC's facilities, technologies and expertise available to small and medium enterprises in the aerospace and manufacturing sectors. Over the past decade, Red River College and its partners have invested over

- \$20 million in acquiring state-of-the-art technologies specializing in advanced materials and bonding, imaging and automation, and simulation. The A2i2 initiative brought these facilities under one umbrella making it easier for industry to access equipment and College researchers.
- While some buildings in Manitoba's harsh climate perform well over time, others experience major problems ranging from high-energy bills to crumbling facades. Researchers with Red River College are aspiring to determine why major commercial buildings are experiencing problems ranging from major energy bills to crumbling facades. With funding from Manitoba Hydro, RRC will test 20 commercial buildings throughout the province over the next 16 months for air leakage, a critical factor in a building's energy use, durability, air quality and comfort.

Red River College has a well-deserved reputation for delivering quality career-based education, being responsive to the needs of industry and the broader community, and managing growth in a responsible manner. We're a critical source of knowledge, research and community spirit in Manitoba, and our graduates truly are helping to grow our province to meet the economic and social needs of the future.



College Profile

Going Places

Red River College graduates truly are going places; they possess the knowledge, flexibility and curiosity to contribute, learn and adapt in a changing economic, social and cultural environment.

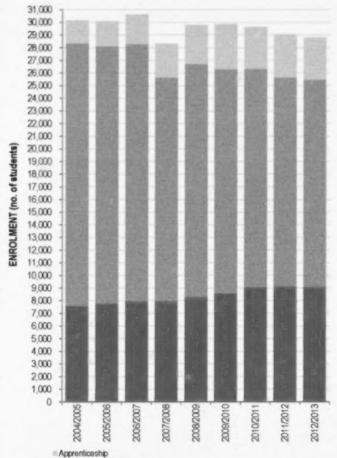
Through more than 200 postdiploma, diploma, certificate, degree, and apprenticeship programs, RRC enables skilled, experienced and motivated graduates to succeed and achieve their dreams. The College strives to help learners find meaningful careers and provide a skilled and informed work-force for Manitoba by setting the standard in applied post-secondary education and research programs and meeting the demand of the marketplace.

The College itself is going places by growing, changing, and adapting to meet the requirements of today's knowledge economy as well as the needs of the foundation economy. RRC is using technology to offer flexible programming to students wherever they may be and whenever they need to access it, updating and expanding its programs to remain relevant for learners and improving facilities to ensure a top rate educational experience.

Full-Time Program Growth

The College has experienced significant growth in its regular full-time programs, (certificate, diploma and other award programs). Since 1999/2000, enrolment in these programs has increased by 61 percent.

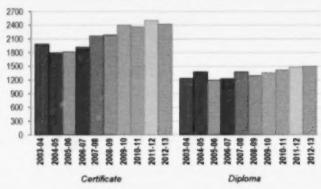
College Enrolment



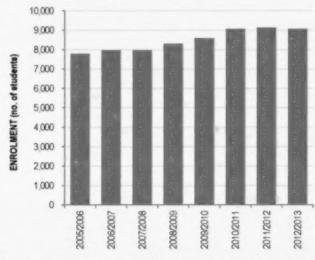
Regular Part-time Programs

Regular Full-time Programs (includes certificate, diploma and other award programs)

Number of Graduates, Certificate and Diploma Day Programs



Full-time Enrolment



■ Regular Full-time Programs (includes certificate, diptoma and other award programs)

Vision and Mission

The College has a future-focused vision: Red River College is renowned for providing accessible, innovative, applied learning and research in an advanced environment, creating skilled graduates to drive the Manitoba economy.

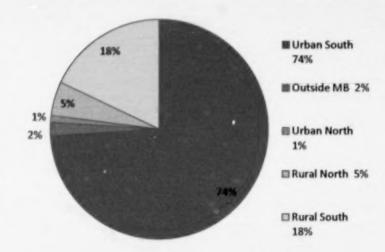
The mission of RRC is to enable students to build a career, enhance quality of life, and contribute to Manitoba's economic and social prosperity through exceptional applied education and research.

The College's ties to the community are reinforced through a 12-member Board of Governors. The Board focuses on the vision and long-term strategic directions for the College.

Organization

Red River College is a multi-campus institution with major facilities in the Winnipeg Region and five regional campuses strategically located throughout the province.

Student Location Prior to Entry to RRC, 2012/2013



Note: Urban South includes the metropolitan Winnipeg area, Brandon, Portage la Prairie and Selkirk. Rural South includes all other areas in southern Manitoba. Urban North includes the northern urban areas of Dauphin, The Pas, Flin Flon and Thompson. Rural North includes all other areas in northern Manitoba.

Programming

RRC offers a diversity of post-secondary credentials, including baccalaureate, joint baccalaureate, advanced diploma, diploma, certificate and preparatory programs in the fields of applied arts, applied sciences, business, community services, developmental education, health and technology. In addition, the College provides training for apprentices in 32 designated trades.

The College also offers a comprehensive array of courses for part-time learners in Winnipeg and across Manitoba through its Continuing Education office and its Regional Campuses.

The College also responds to the specialized and customized education and training needs of business, industry, government and community organizations. The Contract Training unit of Continuing Education provides centralized sales, service and administrative support to contract training initiatives of all departments and divisions.

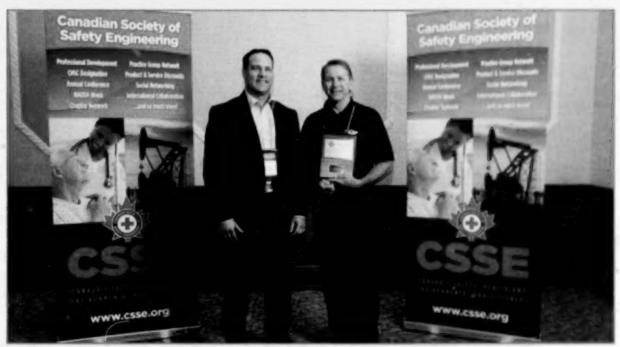
Demographics

In 2012/2013, the largest number of students enrolled in full-time programming fell into the 20 to 24 age group.

Students came to the College from across the province. Seventy-four percent of students were from the urban south. Excluding apprenticeship training, women comprised 50 percent of the full-time student population in 2012/2013.

As a comprehensive college, RRC serves a diverse population with a varied educational background.





Red River College earns best overall honours for North American Occupational Safety and Health (NAOSH) Week activities

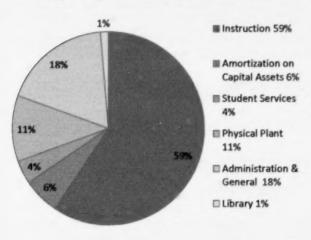
Resources

In 2012/2013, the total human resources complement of the College was approximately 1,372 full-time equivalent staff years.

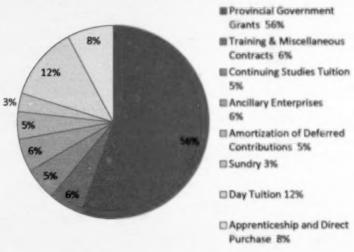
The College operates on a not-for-profit basis with an annual expenditure of approximately \$168,500,000.

As a publicly funded institution, the College relies significantly on provincial government grant support, which comprised approximately 56 percent of its total revenue in 2012/2013. The College receives tax exempt status as a registered charity.

College Expenditures, 2012/2013



College Revenue, 2012/2013

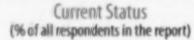


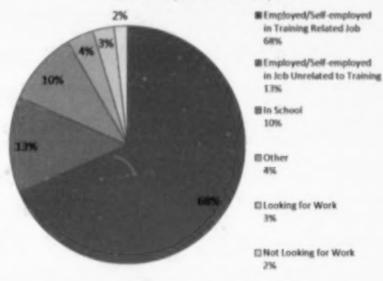
Graduate Satisfaction & Employment

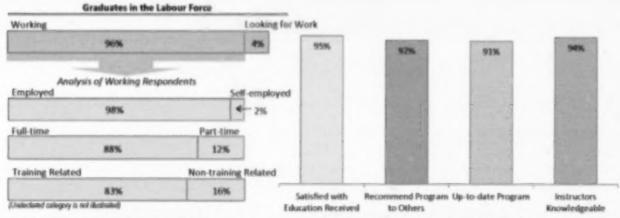
Red River College's 2012/2013 Satisfaction and Employment survey of 2011/2012 graduates shows that graduates continue to find jobs in Manitoba and express high levels of satisfaction with their education.

Of all full-time day program graduates who responded to the survey, 92 percent were employed or furthering their education.

Of those graduates who were in the workforce, seeking employment, 96 percent found jobs. Only 4 percent were looking for work. Moreover, of the responding employed graduates who reported an employer's address, 98 percent were in Manitoba. By far, most College graduates remain in Manitoba to contribute to the province's prosperity and to its social and cultural vitality.







Eighty-three percent of employed/selfemployed graduates reported that they were working in a field related to the education and training received. In addition, 88 percent of the employed/self-employed graduates reported that they were employed full-time.

Ninety-five percent of all respondents reported that they were very satisfied or satisfied with their education at Red River College and 92 percent said they would recommend their program to others.

Graduates also reported their annual salaries. There is variation in the level of achieved income by program with an average of \$41,361, which was an increase of 3.7 percent over that reported by 2010/2011 graduates.

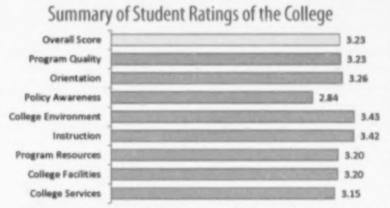
(All respondents included in chart calculations)

Top Ten Average Starting Salaries		
Technical Vocational Teacher Education (part-time)	\$78,808.00	
Certificate in Adult Education	\$74,690.62	
Technical Vocational Teacher Education	\$69,486.98	
MRI and Spectroscopy	\$65,543.40	
Diploma Nursing (Accelerated)	\$64,382.36	
Power Engineering Technology	\$59,051.20	
Medical Radiologic Technology	\$57,759.74	
Geographic Information Systems Technology	\$52,942.50	
Instrumentation Engineering Technology	\$52,570.90	
Mechanical Engineering Technology	\$50,015.75	

(Excludes programs with only one salary provided)

Student Satisfaction

The annual Student Evaluation of Program (SEPS) report summarizes the attitudes and feelings of students towards their college experience in a graphical format. This graphical format allows for quick and easy insight into students' satisfaction with the program. The SEPS report takes the 44 questions on the student evaluation of



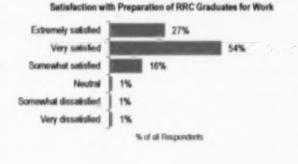
Note: Student ratings are presented in a four point scale from 1 to 4, with 1 indicating strong dissatisfaction and 4 indicating strong satisfaction.

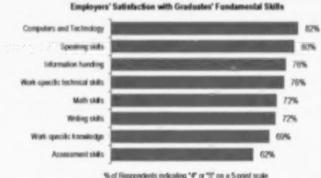
program survey and factors them into eight dimensions of Program Quality. Orientation, Familiarization with College Policies, College Environment, Quality of Instruction, Program Resources, Facilities and College Services. These eight factors are reported on a simple bar chart, giving readers instant insight into the students' experience in the program. Each program's Summary of Student Ratings is published in the combined Graduate Satisfaction and Employment Report and Student Evaluation of Program Report and also on the College's website. Roll-up summaries are also available for each School and for the College as a whole.

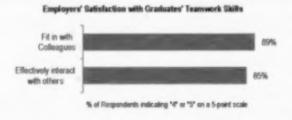
Employer Satisfaction

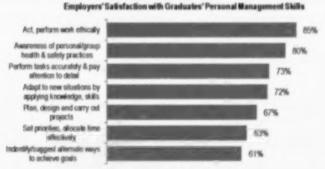
As its name might suggest, the Employer Satisfaction survey interviews employers of recent graduates for the three preceding years. In addition to measuring overall satisfaction, employers are asked to rate their satisfaction with graduates' fundamental skills, personal management skills, and teamwork skills. Employers are asked to assess graduates along a total of 17 measures. The results for the entire College are reported every two years. By combining the results for the last three years, a more detailed picture can be presented at the program level.

2013 Employer Satisfaction Survey









% of Respondents indicating "4" or "5" on a 5-point scale

Student Support Services Department Highlights

The Academic Success Centre (ASC) had a number of projects and initiatives including:

Academic Coaching - This is a new service that the Academic Success Centre (ASC) started offering to students this year. Academic Coaches provide individualized support to students looking to develop the organizational, motivational, test-taking and study-skills techniques needed for success at RRC and in future careers. Academic Coaches are experienced adult educators who help students identify possible barriers to College success. Coaches believe that success at RRC hinges on students' awareness and ownership of their learning. Unlike tutors, Academic Coaches do not focus on specific content development, but instead work to help students identify and remediate problematic behaviors, study strategies and attitudes. Additionally, whereas tutors take their cues from students, Coaches are pro-active and interventionist. Coaches help students visualize longterm goals, assist in creating the path needed to reach those goals and help build awareness and strategic responses to roadblocks that may be encountered along the way. Six Academic Coaches were trained in the 2012/2013 academic year by two trainers using the Royal Roads Executive Coaching training system.

Large and small group supports – As part of a Program Innovation Fund (PIF) project, the ASC formed a Learning Strategies working group to:

- Review current learning strategy workshop approaches,
- Review best practices through an environmental scan of other post-secondary institutions,
- Refine and revise currently-offered workshops using learner-centered facilitation techniques, and
- Create a bank of sharable workshop lesson plans and related resources.

The results of the working group included: the creation of a new series of in-class learning strategy workshops that will be offered to College programs; the reinforcement and development of interactive teaching strategies among ASC tutors; the creation of related learning strategy videos (to be released in 2013/2014); and a raised level of awareness among ASC tutors, about related learning theories and instructional strategies that promote active-learning, metacognition and student inquiry. An additional and much welcomed result of this activity has been the increased sense of teamwork at the ASC. Tutors now feel more comfortable to self-initiate support and mentorship activities within the group.

Student Success

Continued Growth in Preparatory Programming – This year has seen the continued increase in the design and delivery of preparatory math and science sessions for specific College programs. As in past years, the ASC partnered with Assessment Services to make use of diagnostic assessment results in the initiation and design of prep-programming.

Modifications to the curricular and instructional approach in the Animal Health Technology (AHT) prep program were of particular note this year. The Adult Learning Facilitator worked with the lead AHT tutor to structure the week-long prep session using a problem-based learning approach. Additionally the facilitator took over the pre-program advisory role once held by the AHT coordinator. Initial verbal feedback has been very positive and points to a great achievement and new delivery model for our preparatory programs.

Work on face-to-face prep programming occurred alongside the development of a complementary online prep system for AHT. The system will use a similar case-study approach and will be offered to both prospective and registered AHT students for the coming academic year.

The continued development of Wise Guys – To date there are 250 Wise Guys videos posted on YouTube, garnering 410,754 hits in 2012/2013 and 737,320 overall total lifetime hits. These popular on-line math videos review common math functions: finding common denominators, direct proportion, scientific notation, working with algebraic expressions, working with a calculator in Business Administration, and much more. Wise Guys videos continue to be be loaded onto YouTube at http://www.youtube.com/rrcwiseguys.

Assessment Services – adopted the use of the Learning and Study Strategies Inventory (LASSI), a 10-scale, 80-item assessment of students' awareness about and use of learning and study strategies related to skill, will and self-regulation components of strategic learning. The use of the LASSI is a response to both recent research in best practices for assessing the needs of incoming at-risk students and to RRC program reports of increasing gaps in their students' ability to employ effective learning strategies and behaviors.

The LASSI works as a self-informative analysis for RRC students and is currently serving as a first step in the Academic Coaching program through the Academic Success Centre. Currently, Medical Laboratory Sciences and Animal Health Technology have used the LASSI in their diagnostic assessments. The adoption of the LASSI provides students, faculty, advisors

and coaches with a tool to help increase student competency in the non-cognitive and attitudinal areas that is critical to post-secondary success.

Assessment Services also worked with Medical Laboratory Sciences (MLS) to review and revise its diagnostic tool, and to provide recommendations for a change in its English Language Proficiency Requirements. Future work with this program could include the creation of a Communications Diagnostic Assessment tool to be administered to all students entering the program. Assessment Services has been working in collaboration with the MLS program and Diversity and Immigrant Student Support in this area. Also, in collaboration with the Pharmaceutical Manufacturing program, Assessment Services has created an action plan to create a new diagnostic and remedial response system. It will be modeled on the MLS diagnostic test and will include preparatory and in-program remedial responses through the Academic Success Centre.

Counselling & Accessibility Services – Career Exploration services were expanded to include RRC Recruitment Officers who provided information to prospective students on programs, entrance requirements, application processes, as well as a college tour. Best practices for assessing test anxiety and providing accommodations were developed after research and consultations with other post-secondary institutions.

Deaf & Hard of Hearing Services – Remote notetaking services began in January 2013 to address the increasing demand for services. Following extensive research, CAP-Comm, located in Edmonton, was hired to provide services in a limited capacity from January 2013 until April 2013 for one hard of hearing student enrolled in a full-time program. As a result of the positive feedback from the hard of hearing student and RRC faculty, the company was contracted in the fall of 2013 to provide note-taking services. Currently, one hard of hearing student is using the off-site service because she is enrolled in a lecture based course which is best suited for this service. RRC's faculty and the hard of hearing student were provided with extensive training regarding the service by Jill Patterson, Coordinator, Deaf and Hard of Hearing Services.

Exam Accommodations & Assistive Technology (EAAT) – Significant time was spent researching the latest assistive technology (software and hardware) for students with disabilities. A technology loan program was also developed for students, who are not eligible for the government technology grant for students with disabilities, to access various types of assistive technology. The unit researched potential site licenses for reading software (e.g., Read and Write Gold text-to-speech-software) that would be of benefit to all students regardless of ability, with the goal of purchasing a license this upcoming year.

EAAT staff also focused on enhanced supports to students with visual impairments. These students have required innovative and highly individualized supports. These supports include: extensive consultation with instructional staff regarding the educational implications of such disabilities; troubleshooting accessibility issues related to the RRC website, RRC email, and RRC computer systems such as Sharepoint and Learn; highly specialized alternate



format material; orientations for students at the start of each semester (e.g., accompanying students to each classroom to provide an orientation of classroom layout, determining what work station would be most suitable); and interviewing, hiring, training, and supervising Access Aids to assist students in class when appropriate.

During 2012/2013, the Student Support Services department provided direct service to thousands of students:

- The Academic Success Centre provided a combined total of 12,294 hours of tutorial support to 2,444 students. This represents an 8% increase in hours provided and an increase of 13% in total students served. 4,729 hours of individualized Peer Tutoring were provided to 961 students. This is an 18.6% increase over last year's individual peer tutoring hours, and an increase of 42.6% in the number of students served. 4,868 hours of individualized Staff Tutoring were provided to 323 students. This constitutes an 8.3% increase in hours provided and a 56.8% increase in students served over last year. 406 hours of individualized EAL tutoring were provided to 131 students. This is an increase of 53.1% over last years individualized EAL tutoring hours and an increase of 45.6% in the number of students served. 134 hours of study skills workshops were provided to 1,211 students, a 45.7% increase in delivery hours from last year and a 44% increase in participating
- Assessment Services provided assessments, scoring and/or invigilation to a total of 2,712 people from July 1, 2012 to June 30, 2013. Of those, 1522 people (a 15% decrease from last year) participated in mandatory entrance assessments, 939 people (9% increase from last year) received diagnostic assessments, and 251 people (a 4% increase) were provided with contracted assessment services.

- Counselling & Accessibility Services provided service to 1524 students with counselling services which represents an increase of 21 students (+1.5%) from 2011/2012. 1012 clients (on course students, applicants and prospective students) who registered with Counselling and Accessibility services have diagnosed disabilities.
- Deaf & Hard of Hearing provided 14,317 hours of American Sign Language/English interpretation and/or computerized note-taking service to 10 Deaf students and 10 hard-of-hearing students.
- Exam Accommodations & Assistive Technology 419 students were referred for test/exam accommodations.
 3,095 tests/exams were scheduled and proctored this year, compared to 3,440 last year.
 31 students received alternate format print materials (+19%).
 26 students received training in the use of assistive technology.
- Student Employment Services 7030 job postings were available on Job Central in the 2012/2013 academic year, an increase of 28% over the previous academic year. Student Employment Services had 2324 student contacts in the 2012/2013 academic year, an increase of 9% over the previous academic year. 194 workshops/service presentations (+5%) were provided on resume and cover letter writing, job search strategies, and interview skills.

Staff/Faculty Notable Achievements

Vidhu Bhanot graduated with her Master's in Social Work degree after completing her practicum placement with the University of Manitoba Counselling Centre.



Recognition of Prior Learning (RPL)

Department Highlights

The RPL Annual Activity report was prepared for the Council on Post-Secondary Education (COPSE), Over 560 learners completed 928 RPL course assessments in 63 Red River College (RRC) programs. In addition to those numbers, close to 1,400 credit transfers were awarded for previous formal learning. In a recently released report, Taking AcCount 2: A Report on the Number of PLAR Assessments Conducted by Public Post-secondary Institutions in Canada 2004/05-2010/11 (VanKleef, J. 2012), RRC was reported as one of only eight institutions in Canada to conduct more than 500 RPL course assessments each year. During the study, a total of 10,575 RPL course assessments were reported by six of Manitoba's public post-secondary institutions. Close to 6,000 of these RPL assessments were conducted by RRC program faculty.

The RPL Advisor, Lauren Waples, provided RPL pre-enrolment information and advising, as part of the Academic Advising service, for over 1,060 current and prospective students interested in accessing RPL. In addition, academic departments provided program specific RPL advising and conducted assessments of prior learning for learners in full- and part-time College programs. Over 335 were individuals with international credentials.

Program faculty, with resource support from the RPL Services department, developed and/or revised RPL resources and enhanced practices in the following programs: Disability and Community Support, Early Childhood Education, Funeral Directors and Embalmers Certificate, Certificate in Adult Education, Legal Administrative Assistant, Business Administration, Administrative Assistant and RPL Practitioner Certificate.

Through RRC's School of
Continuing Education, the RPL
Practitioner Certificate program
was delivered in Manitoba and
beyond. Two very successful RPL
Foundation Institutes were held in
Yellowknife and Inuvik for faculty,
staff and administration from NT
government and Aurora College.
The 11th annual RPL Foundation
Summer Institute was held in June
at Red River College's Notre Dame
Campus, with participants attending

from Northwest Territories, Alberta, Ontario and Manitoba. This is the first course in the RPL Practitioner Certificate program and to date over 715 individuals have completed the course. Advanced courses in Train the Trainer: Portfolio and RPL Special Issues were delivered online with participants from across Canada.

At the RRC convocation in June, three staff and faculty graduated with the RPL Practitioner Certificate: Lauren Waples (RPL Academic Advisor), Donna Riddell (ECE Instructor - Portage Regional Campus) and Mavis Lewis Webber (ECE Instructor). They are some of the first in Canada to acquire this level.

The RPL Services department continued to provide expertise, assistance and consulting to post-secondary institutions and other organizations regarding RPL practices and system implementation. In addition to Canadian institutions, the RPL Services team hosted a delegation from Denmark as part of their cross-Canada PLAR Study Tour. Led by Joy Van Kleef, CEO of the Canadian Institute for Recognizing Learning (CIRL), the Study Tour included 7 members from Denmark's University College North (UCN).

RRC signed the ACCC Transfer Principles, a set of basic principles that support learner success and lifelong learning. They are designed to guide barrier-free mobility and credit recognition, including RPL, at ACCC member institutions. Deb Blower, RPL Facilitator, served on the national ACCC Transfer, Articulation and Pathways Committee that worked on the national principles.



Carol Girling, Registrar, and Deb Blower, RPL Facilitator, participated in a national Transfer Credit Summit that brought together eight colleges and Canadian Forces representatives from across Canada to discuss transfer and mobility for CF personnel and their families. RRC and seven other colleges signed the College Transferability Network memorandum of understanding (MOU).

RRC staff and RPL Services continued to work at the national level with the Canadian Association for Prior Learning Assessment (CAPLA). Deb Blower presented Strategic Planning for Quality RPL Practices at RRC as part of a pre-conference day held at the CAPLA international conference in Halifax. Lauren Waples, RPL Advisor and past Chair of the Manitoba Prior Learning Assessment Network (MPLAN), also presented a workshop at this conference, with representatives from BC and NB, on PLAR Networks in Canada.

As chair of CAPLA's RPL Standards Working Group, Deb Blower presented with a panel on the topic of Moving Forward on RPL Standards and Guidelines in Canada. The panel explored use of the recently released UNESCO Recognition, Validation and Accreditation (RVA) Guidelines, developed by 50 of UNESCO's member states (including Canada), and identified plans for moving forward with Canadian RPL standards.

The College's RPL Services department and the Manitoba Prior Learning Assessment Network (MPLAN) hosted the 5th annual RPL Symposium – Celebrating and Recognicing Learning Over 36 participants were on site. Others from RRC, Manitoba and Newfoundland joined in the live-streamed presentations. Lauren Waples, RPL Advisor, presented a session on Advisors - Champions in RPL and Deb Blower, RPL Facilitator, presented Assessing Prior Learning - What's Key?

An IMPLAN PEARL (Pursuit of Excellence in the Assessment & Recognition of Learning) Award was presented to the RRC Bridging Program for Internationally Educated Nurses (BPIEN) for the development and implementation of its customized program to assist internationally educated Registered Nurses working toward registration in Manitoba. RRC faculty and staff continued to present at RPL workshops and conferences, such as the Manitoba Prior Learning Assessment Network (MPLAN) learning events. Deb Blower presented the workshop, RPL - Key Components for Quality Practice, at the Adult Secondary Education Council (ASEC) Spring Conference. Together with Lauren Waples, she presented the workshop, Recognition of Prior Learning (RPL) - Key Components for Quality RPL Practice at the WARUCC Connect-Engage-Grow Forward Conference.



School of Business & Applied Arts

Dean Graham Thomson

Exchanged District Campus, Room P311

Phone: 204-949-8377, Email: gthomson@rrc.ca

This School consists of three departments: Accounting and Computer Education; Applied Commerce & Management Education; and Creative Arts. The School offers programs designed to meet the specific needs of the business, information technology, and graphics and communications professions.

School Highlights

The Accounting and Computer Education (ACE) department has been accepted by Apple Inc. to be part of the Apple University Developer program.

The first-year Creative Communications students' Magazine Trade Fair took place in the Roblin Centre Atrium. The event showcased 19 different magazines that students completed in groups of four or five over the winter semester. The Manitoba Magazine Association judged the magazines, and the first and second place magazine groups were rewarded with cash prizes.

The Accounting and Computer Education (ACE) department hosted the "Day in the Life of an IT Student Technology Camp" for students in grades 10, 11, and 12. The students participated in classes that ranged from programming to web development. The camp filled immediately with a total of 65 students. Another camp was held and 21 students attended.

The ACE department hosted and sponsored the Cyber Defense Challenge (CDC). The

CDC program was developed to prepare students to understand the fundamentals of cyber security as part of their personal and professional career path. The event attracted about 50 students from five different high schools in Manitoba.

The College participated in a Winnispeed event. Joe Justice of team Wikispeed came to Winnipeg to lead a group of participants through the process of building a car in one day using extreme manufacturing techniques.

Commerce Industry Sales and Marketing held its Networking Event at the Exchange District Campus (EDC). Joanne Vermette, the Program Coordinator, arranged this very successful event, and approximately 30 business delegates attended along with 25 students.



The School of Business & Applied Arts held its Directions Business Conference at the Canad Inns Polo Park. The event had 403 students attend along with 90 business delegates and 69 faculty and staff.



Directions 2013 Business Conference

The Creative Communications second-year students' Independent Professional Project Presentations (IPPs) took place at the Winnipeg Convention Centre. Over 60 students presented their projects to an audience of Creative Communications students, staff, local industry, friends and family. Students who held fundraising events for their IPPs raised over \$50,000 for local not-for-profit organizations.

Gary Doer, Canada's ambassador to the United States and former Manitoba Premier, spoke to students about the United States election results. Red River College President, Stephanie Forsyth attended this event. CTV, Global, CBC and the Winnipeg Free Press reported on the event.

The Creative Communications Public Relations students went online for a 12-hour long radiothon broadcasting from the Roblin Centre and the Canadian Blood Services building at 777 William Avenue. The Rally for Red radiothon brought 40 donors through the doors, which accounted for more than one-third of the total for the day.

The International Business students gave presentations regarding the Global Industry Intelligence reports – an initiative developed through a Research Innovation Fund spearheaded by instructor Tatjana Brkic.

The Business Administration (BA) Integrated Coordinator, David Thomas, along with Bob Fisher, Academic Coordinator, Aboriginal Education & ACCESS Programs, organized the BA Integrated Work Experience component for the BA Integrated students. Six students successfully participated in the new initiative.

Christi Posner, Counselling Team Lead, Credit Counselling Society; and Stacy Yanchuk-Oleksy, Director of Education & Community Awareness, delivered Student Success workshops No More Debts to approximately 250 Applied Commerce & Management Education (ACME) students including 2nd year Business Administration students at both campuses; Consumer Banking students; year 1 Business Administration students, Health Information Management students and C&I Sales and Marketing students.

First-year students in the Technical
Communication Program, embarked on a
project that saw them revise and redesign
the Manitoba Aerospace Association's
online and print membership directory. This
project allowed collaboration between the Project
Management, Professional Communications, and the
Electronic Publishing courses.

ACE welcomed female junior high students to a technology camp. This camp helped introduce women to the areas of networking, programming and web development.

ACE hosted the Manitoba Electric Vehicle Association (MEVA) meeting at EDC. Haider Al-Saidi, Chair of Accounting & Computer Education, presented the ACE vision on pushing for greener technology and working with groups like MEVA to help Manitoba become the centre of excellence for green technologies.

Joanne Vermette, C&I Sales & Marketing Coordinator, and Gail Shimonek, Chair of Applied Commerce & Management, met with Suzanne Winterflood, Director, Diversity Programs of ICTAM (Information & Communication Technologies Association of Manitoba), regarding TSAP (Technology Sales Accelerator Program) – a sales and marketing training initiative. TSAP will provide firms with opportunities for SME (small- to medium-sized enterprises) to learn the skills needed to develop their sales contacts, strengthen their team and increase their profits. ICTAM will be targeting the C&I Sales & Marketing students who will have the opportunity to supplement their current education qualifications with industry specific training and paid internships designed to prepare them for permanent employment in sales and marketing in the ICT sector.

An articulation agreement was signed with the University of Fredericton/Husson University allowing Business Administration graduates to achieve degrees through online studies.

Red River Radio, the College's new online radio station, was created to help train Red River College students and began streaming on August 27, 2012.



Creative Communications Instructor, Dan Vadeboncoeur

The ACME department delivered an additional International Business program (22 International students) for the EDC Campus.

The Deaf Studies Program worked with the Manitoba School for the Deaf as hosts for the Youth Canada Tournament of the Deaf.

A team of Business Administration Entrepreneurship students worked together this year with Spark (Connections for Community, United Way – a Service of the Canadian CED Network) to develop a social enterprise called Fruit Share. Fruit Share is a collective that works toward producing products from native Manitoban fruits (particularly apples). A community service/need was addressed and the production and distribution of affordable food products were the results of this creative and ambitious team of BA students. The students who participated were: Michelle Stabner, Kathleen Stone, Jennifer Young, Darren Patching and Kirk Smith. Their EP leader was Alanna Holowinsky.

Staff Notable Achievements

Haider Al-Saidi was awarded the IEEE senior membership level.

Instructor, Tatjana Brkic, was the successful recipient for the 2013 Research Excellence Award. Tatjana has integrated applied research into the ACME department through two initiatives: Gateway to Applied Research in Business, Phases 1 & 2 funded by internal CARD grants between 2011 & 2013; and Applied Research in Renewable Energies funded through NSERC grant for the period of 2013–2014.

Instructor, Allan Green, was the recipient of the Students' Association 2012 Teaching Award of Excellence.

David Kotschorek, Vincent Macias and Thomas Murphy were chosen to be part the creative team for the Advertising Association of Winnipeg's Signature Awards. The students work with a design team from Tom Powell Design to create the many components of the Signature Awards campaign.

Business Administration instructor, Keith Penhall, co-presented with Eugene Blackmon and Rio Hondo during the Student Engagement: Community Colleges and Social Enterprises session at the Marketing Educators Activities Annual Conference.

Graham Thomson serves on the board of Film Training Manitoba, the Certified General Accountants Association of Manitoba, the Canadian Animal Blood Bank, the Central Neighbourhoods Development Corporation and Fortune Cat Games Studio.

The Entrepreneurship Capstone continues to be the enviable learning experience for the RRC Business Administration students. The EP Tradeshow involves

approximately 100 judges and the EP Orals involves approximately 200 judges. The majority of these judges are from the business community.

Business Administration students attended the WinnOvation entrepreneurship event along with the Dean, the Chair and several Entrepreneurship instructors including the EP leaders.

David Jones achieved his Master of Science in Information Technology from the University of Athabasca.

Journalism instructor, Duncan McMonagle, participated in a panel discussion on citizen journalism at the Free Press News Café as part of the College's program for Leadership Winnipeg.

Entrepreneurship leader, Scott MacAulay, was interviewed by CJOB's Richard Cloutier,

regarding RAMP UP Manitoba and the Innovation Pitching events.

Creative Communications Journalism instructor, Duncan McMonagle, participated in a CBC Radio panel and a television interview on the limits to online freedom of speech.

Graham Thomson was a guest on CJOB's Richard Cloutier Reports, on the topic of changes in job markets.

Graham Thomson and Dale Watts, former interim VP Academic & Research hosted a tour of facilities and Business Administration classes for Finance Minister Stan Struthers.

Student Notable Achievements

Second-year Graphic Design students participated in the 11th Annual Forks Market Student Art Show and Auction. Students created over 58 pieces of art for this event. Money raised benefitted Winnipeg Harvest and the Red River College Graphic Design Students' Graduation Fund.

Marketing Specialization students attended the Vanier Competition BDC Case Challenge in Montreal. The four students, along with their marketing instructor, Craig Dyer, received 3rd place in the competition.

ACME held its Entrepreneurship (EP) Trade Show in the Notre Dame Campus South Gym. Approximately 250 people attended the Tradeshow including numerous business representatives.

Matthew Fast, first year Business Administration student, was a successful recipient of the Red River Exhibition Foundation Business Sector Scholarship of \$1000.



Students from Creative Communications Advertising major received five national awards for their campaigns promoting Canadian Charities

The Assiniboia Chamber of Commerce Scholarship was shared this year by two business students: Kristin Kazlauskas and Kate Morrison.

The Bison Transport Award of Entrepreneurial Excellence was given to Nana's Nook Aboriginal-Canadian Inspired Cuisine. Donavan Basarowich was their group leader.

'The Entrepreneurship Practicum Award through the RRC Students' Association was given to Bib & Tucker Premium Denim. Eric Olek was the group leader.

Thirty-five award categories were featured at the June 2013 ACME Awards Dinner with approximately 60 students receiving awards.

June McMahon was the first graduate of the Manitoba Hydro Recognition for Prior Learning BIT Program.

Second-year Creative Communications student, Ryan Kessler, was one of the 2013 recipients of The Manitoba Sportswriters and Sportscasters Association MSSA Jack Matheson Memorial Awards.

Second-year Creative Communications student, Priya Tandon, appeared in *The Lance* to promote *Tonight We Are One!* — An awareness and fundraising event to raise money for One! International Poverty Relief, a non-profit organization that teaches literacy to children in the slums of Mumbai.

For the fourth consecutive year, the Winnipeg Free Press has published the results of the Journalism majors' freedom-of-information project.

Media Production majors have produced three television documentaries for MTS On-Demand. Topics include sponge hockey in Winnipeg, the art of ice sculptures, and an exploration of life and culture on a local Hutterite colony.

Second-year Graphic Design student, Christel Nadeau, won the annual Chinatown Banner Competition for the Year of the Snake and student Sarah Brazauskas won the competition for the Chinatown District Banner. Both banners were posted on the area's signposts during 2013.

Creative Communications students took home five out of six prizes at the Students (Verb) Charities awards ceremony held in Toronto. The contest invited post-secondary students from across Canada to submit public awareness campaigns about the charitable sector's impact on quality of life. The Muttart Foundation and Imagine Canada awarded \$100,000 in prizes to students for the following campaigns:

- First Prize of \$50,000 was awarded to Emily Doer, Courtney Brecht and Corinne Rikkelman for their campaign, I am a Charity Case.
- Second Prize of \$25,000 was awarded to Suzy Bodiroga, Alex Kyle, Monique Pantel and Josie Marier-Loeppky for their campaign, Charities are at the Heart.

- Fourth Prize of \$7,500 was awarded to Mitch Kruse and Tamara Adams for their campaign, Without Charities.
- Fifth Prize of \$5,000 was awarded to Jaclyn Leskiw, Michael Trakalo and Katie Madziak for their campaign, Charities are Everywhere.
- Sixth Prize of \$2,500 was awarded to Tanner Ziprick and Kelly McGuinness for their campaign, Most Canadians Wouldn't Know a Charity if it Hit Them in the Face.

The Applied Arts Awards Exhibit and Creative Schools Expo was held in Toronto. Graphic Design graduate from 2012, Carl Shura, won in the design/packaging category and his work was showcased at the event.

Second year Creative Communications student, Jamie McKay, was the recipient of the Shaw Media Foundation for the Advancement of Aboriginal Youth scholarship for 2012. Jamie McKay also received a 2012 Helen Betty Osborne Memorial Foundation award. The foundation provides financial assistance to Aboriginal persons enrolled in post-secondary studies in Manitoba.

Creative Communications students once again participated in the IAMS 1001 Donations Telethon in support of the Winnipeg Humane Society.

The 2012-13 Convocation Gold Medal and Lieutenant Governor Medal Award recipients were:

Gold Medal winners

- Miranda Beth Forrest Library and Information Technology
- Leanne Kelly Muldrew
 American Sign Language-English Interpretation
- Alana Michelle Odegard Creative Communications
- Benjamin Allan Repay Business Information Technology -Web Development
- E A Ritchot Graphic Design
- Johanna Schmidt Digital Media Design
- Shannon Smith
 Business Administration Office Management
- Jaclyn Anna Vadeboncoeur Digital Media Design

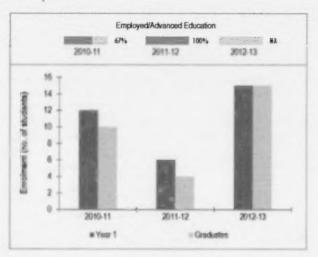
Lieutenant Governor Medal winners

- Jocelle Leahneth Cuvos Business Administration - Administration
- Abby Gail Silva
 Business Administration Accounting

3D Computer Graphics

One-year post diploma program

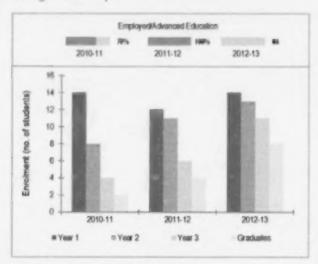
Students are taught the skills required to work in areas such as advanced 3D graphics and animation and production management. Graduates of the 3D Computer Graphics program may find employment in visual effects, motion graphics, video game development, 3D simulation and prototyping, medical imaging, and 3D simulation industries. Some graduates may choose self-employment as freelance artists.



American Sign Language - English interpretation

Joint three-year degree program offered in partnership with the University of Manitoba. Graduates will receive a diploma in ASL-English Interpretation from RRC and a Bachelor of Arts degree from the U of M.

Students are taught the skills required to function as an American Sign Language (ASL)/English interpreter in facilitating communication between hearing and Deaf individuals. Graduates are working in public schools, in interpreter referral centres and in post-secondary institutions. Some work on a freelance basis in specialized settings such as medical, religious, mental health, recreational, legal, employment, government, and the performing arts areas.

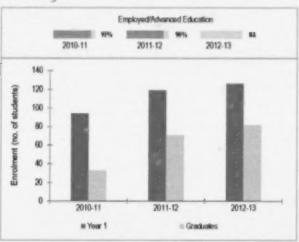


Applied Accounting

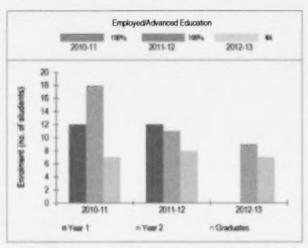
One-year certificate program

The Applied Accounting program is designed to provide students with the necessary skills to provide entry-level accounting support. In addition to developing basic accounting and computer skills, the program includes courses in general business practices.

Note: This program replaces Computer Accounting Technician.



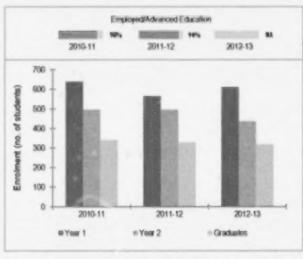
Aviation Management



Two-year diploma program

This program combines business management and flight training in a unique program designed to prepare graduates for their first employment in an aviation career. Graduates obtain their commercial license with a night and single engine instrument rating, through training from flight simulation equipment, and flying a variety of aircraft. Further electives may provide training in instructor, float, acrobatic, and multi-engine instrument ratings. The graduates can expect to find employment in various aspects of the aviation industry, including flying and airport management.

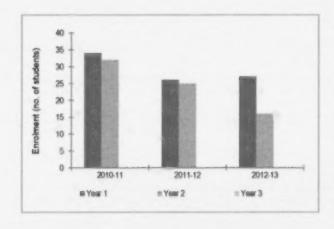
Business Administration



Two-year diploma program

As a result of majors including Accounting, Administration, Financial Services, Marketing, and Office Management, graduates move into a broad range of businesses and industry. Some employment areas include banking, insurance, retail management, sales positions and other service industries in large, medium or small enterprises. As a result of the entrepreneurial focus of the second year - a number of graduates have started their own business.

Business Administration Integrated



Three-year diploma program

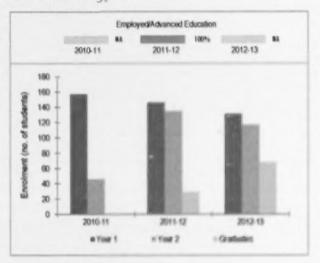
The Business Administration Integrated program combines adult upgrading with the regular Business Administration program in a three-year diploma program. Graduates will move into a broad range of positions in business and industry.

Note: Business Administration Integrated graduates have been included with the regular Business Administration graduate figures.

Business Information Technology

Two-year diploma program

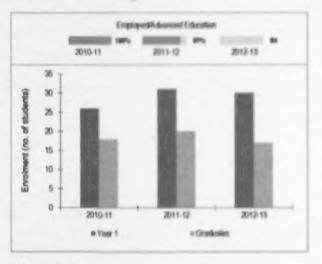
Business Information Technology (BIT) is a two-year program that provides a broad information technology foundation during the first year of studies before students enter one of the second year specialties: Application Development, Database, Network Management, and Web Development. All specialties provide training in three distinct areas: technical training, related business courses for understanding business systems, and practical applied training by industry project or paid co-op work term.



Commerce Industry Sales and Marketing

One-year certificate program

Graduates will gain the knowledge of personal selling skills required for sales success and long term partnerships. An interactive communication process will focus on the identification, development and fulfillment of customer needs and wants. Some employment areas include manufacturing, industrial goods, distribution of office supplies and equipment, transportation services and consumer goods and services.

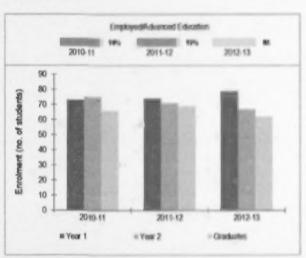


Creative Communications

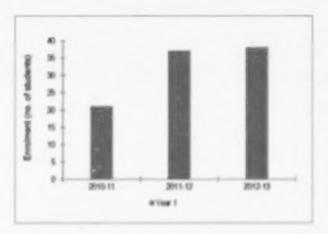
Two-year diploma program

This program is designed to give students the knowledge and skills to succeed in the communications fields of broadcast production, advertising, journalism, and public relations. Graduates have found employment as journalists in print, radio and television; broadcast production technicians; copywriters and media buyers in advertising agencies, radio and television stations; and public relations personnel in various companies and government agencies.

Note: Red River College, in cooperation with the University of Winnipeg, offers students the opportunity to pursue a combined Degree/Diploma in Communications.

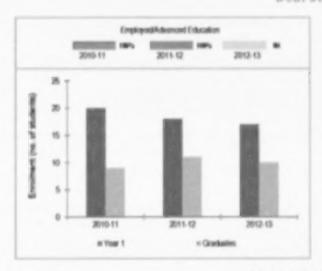


Deaf Literacy



This part-time program encourages Deaf adults who are competent and proficient in American Sign Language (ASL) to learn better reading/writing skills through second language (English) approaches.

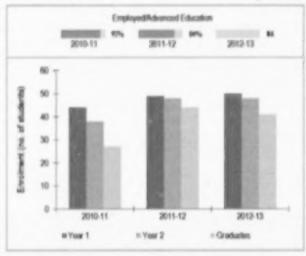
Deaf Studies



One-year certificate program

This program is designed to increase fluency in American Sign Language (ASL) and provide knowledge of Deaf culture and history. This program is suitable for anyone who requires language and culture fluency for effective interaction with Deaf individuals, as well as those who intend to apply for entry into an ASL/Interpretation program.

Digital Media Design



Two-year diploma program

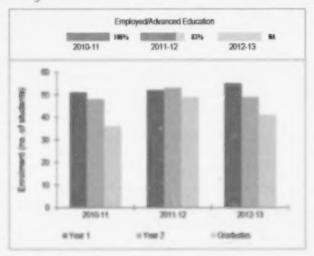
This program provides up-to-date training in web design and development, digital video, 3D animation, motion graphics, and graphic design. It teaches both design fundamentals and technical skills, and encourages creativity, imagination, professionalism, and a strong work ethic.

Graduates of this program may find employment as web designers, interactive and CD ROM designers, 2D and 3D animators, video post-production technicians and broadcast graphics designers.

Graphic Design

Two-year diploma program

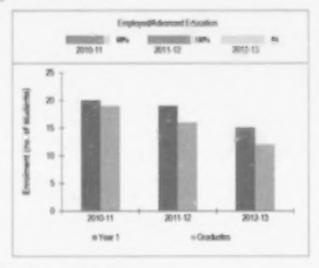
This program provides up-to-date artistic training in the technology, techniques and philosophy of graphic design. Graduates of this program have found employment as production specialists, graphic designers, illustrators and art directors in retail stores, advertising agencies, design and production studios and newspapers. Others are working in television and film studios, and some are employed as freelance artists.



Graphic Design - Advanced

One-year post diploma program

This program focuses on new skill requirements in areas such as advanced computer graphics, marketing and production management. Graduates may find employment in graphic design, 3D animation, interactive document and CD-ROM development, computer games development and internet web-page creation.

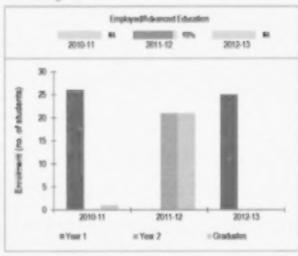


Health Information Management

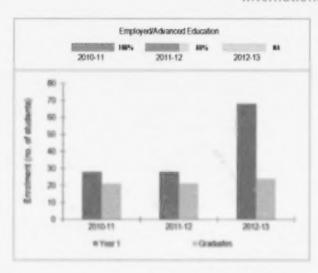
Two-year diploma program

This program develops the knowledge and skills needed for the collection, retention, analysis and dissemination of health care information required for patient care, research and education.

Note: This program has intakes every second year.



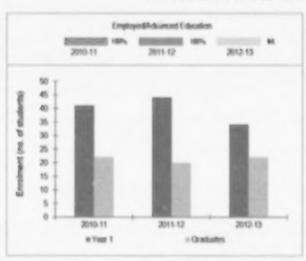
International Business



Twelve-month advanced diploma program

This program develops well-trained and qualified staff who are ready to meet the challenges of global competition in the international marketplace. Graduates have found a wide range of business, industry and organization career opportunities.

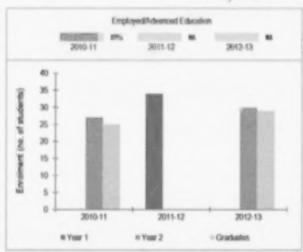
Introduction to Business Information Technology



Four-month certificate program

This program is designed for applicants who do not meet the admission requirements for the two-year Business Information Technology (BIT) program. The program includes both preparatory courses and some Term 1 BIT courses which will reduce the Term 1 course load for those students continuing on into the BIT program.

Library and Information Technology



Two-year diploma program

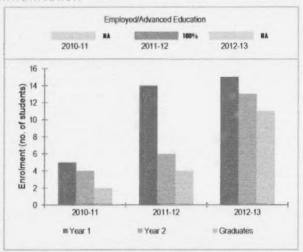
Students learn the necessary public service and technical skills to be productive employees in library and related fields. Career opportunities exist in schools, public libraries, universities, colleges, provincial and federal government departments and agencies, industry, business and hospital or political research, book stores, utilities and publishing computerized information systems.

Note: This program has intakes every second year.

Technical Communication

Two-year co-op education diploma program

Technical Communication involves communicating technical and scientific information to non-technical audiences. Technical communicators work in all industries, from mining and agriculture to aerospace. They create manuals, proposals, brochures, posters, journal articles, reports, newsletters, presentations, and many other types of documents. They use a variety of software to produce documents in a variety of media including video, websites, paper, and CDs.





School of Construction & Engineering Technologies



Dean Nancy Wheatley Notre Dame Campus, Room A134C

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This School comprises four departments: Civil Engineering Technology; Construction Trades; Electrical Engineering Technology; and Electrical, Math and Science. The School provides trades, technology, and apprenticeship education and occupational training to support the Manitoba economy and infrastructure at certificate, diploma, advanced diploma, and degree levels.

School Highlights

Nancy Wheatley became the Dean of the School after Dale Watts retired in January. Nancy had been interim Dean since last April when Dale Watts moved from his position as Dean of the School for 18 years to take on the role of interim VP Academic and Applied Research.

The School welcomed Joe Carey as the Chair of Electrical Engineering Technology, Shokry Rashwan as the new Research Chair of Green Buildings and Construction, Jerry Johnstone as the Chair of Civil Engineering Technology and Lakhwinder Mangat as the new administrative assistant to the Dean. With retirements and growth the School welcomed a lot of new faculty also this year.

Much effort was put in by Chairs and Coordinators to provide detailed data for program space requirements for the new proposed Skilled Trades and Technology Building.

On June 11, 2013, the Civil Engineering Technology department was pleased to congratulate the first seven graduates of the Construction Management degree program. June 2014 will be the first graduating class of the sequential students within the program.

This year we also saw an increase in first-year enrolments in the Electrical Engineering Technology program.

The Carpentry department ran the first BUILD program—a modified Level 1 carpentry apprenticeshiptraining program for Aboriginal apprentices. The program was very effective with 10 of the 12 apprentices completing successfully.

Marty Schulz from Barkman Concrete provided an overview of product information to the second-year landscape construction class. The company has also donated precast concrete pavers and retaining wall materials for practice work, as well as permanent outdoor installations totaling over \$2,400.

Refrigerative Supply donated two high-efficiency furnaces (one variable combustion, one single stage) to the College's Refrigeration program. The new furnaces will be used in the residential training lab. Werner's Wholesale Group also donated two additional furnaces that will also be used for the same purpose.

Staff from the School of Construction & Engineering Technologies (SCET) participated in the following recruitment activities: RRC Open House, Rotary Convention and the Brandon Career Symposium. As well, Carpentry instructors Ray Trump, Guy Poirier and Neil MacDonald accompanied the Mobile Training Lab to Winkler to take part in Winkler's career fair.

In addition to their participation in various tradeshows, recruitment activities and special events, staff and faculty also made an impact at various conferences and hosted a variety of meetings and workshops at RRC and outside of the school.

The Electrical Engineering Technology (EET) department hosted an Ethernet/IP Seminar at NDC. The seminar discussed the benefits of network infrastructure and how it could converge with an IT network to optimize efficiency.

Piping Trades Coordinator Dan Larson attended the Western Canada Water annual conference, *Water, Treat it Right* at the Winnipeg Convention Centre.

Four instructors from the Related Math & Sciences department attended the Manitoba Association for Distributed Learning and Training (MADLaT) conference held at RRC's Exchange District Campus. As a result of the iPad presentation included in the conference, the department submitted a Program Innovation Fund (PIF) application to develop teaching units using an iPad. The iPads will be introduced into classrooms.

Staff, students and faculty in the Geographic Information Systems (GIS) Technology program attended the Manitoba GIS Users Group (MGUG) conference held in Winnipeg.

Manitoba Heavy Construction Association (MHCA) sponsored fourth-year Construction Management Degree students to attend the MHCA annual expo. The Construction Sector Council invited them to attend sessions in their Building Supervisor training program.

The Civil Engineering Technology department announced a second national accreditation for the Bachelor of Technology in Construction Management program. The Canadian Construction Association, through the Gold Seal Accreditation Board, has accredited the program as meeting the standards set by the national Gold Seal Curriculum. Graduates will earn significant credits towards professional designations that are recognized across the country.

Nancy Wheatley, Dean, School of Construction & Engineering Technologies, and Jerry Johnstone, Chair, Civil Engineering Technology, were invited to attend a meeting of the Manitoba Heavy Construction Association's Education, Training and Gold Seal Committee, where an update on the Construction Management program was provided.

Several students assisted Civil Engineering instructor Dr. Robin Hutchinson with a variety of research projects in the areas of: Monitoring Strain & Deflection in St. Adolphe Coulee Bridge Girders (Industry Partner: Manitoba Infrastructure & Transportation) and Precast Sandwich Wall Panel – Preliminary Testing of Geopolymer Panel Materials (Industry Partner: Antex Western). The students wrote applied research reports describing their activities and findings on these research projects.

Third-year Civil Engineering Technology students received Sustainable Infrastructure Technology Research Group (SITRG) grants for applied research projects within their programs:

- Assessing the Performance of Water-filled Tubes Used for Thermal Storage in a Passive Solar Greenhouse; Darren Irvine, Architectural Engineering Technology, Senior Year
- Performance Monitoring of Insulated Masonry Walls in Cold Climates; Kevin Told, Architectural Engineering Technology, Senior Year
- Feasibility of using Infrared Thermography for Asset Condition Assessment and Reporting in Aboriginal Communities; Mike Sagriff & Jesse Watson, Architectural Engineering Technology, Senior Year
- Structural Suitability of Antex Westerns Geopolymer Based Underlayment; Richard Leahy, Structural Engineering Technology, Senior Year

Electrical Engineering Instructor Liting Han's program innovation fund proposal was approved for

a Scaled-Down Version of Industrial Process Control Model for Advanced Programmable Logic Controller (PLC) Laboratories.

Greenspace Management Instructor Ruth Rob is collaborating with Native Plant Solutions on a study looking at the effectiveness of cattails in sequestering phosphorous. Greenspace Management second-year student, Jade Raizenne was hired by Native Plant Solutions for her summer co-op and is the research assistant for the project. College Applied Research & Development (CARD) funding is involved and RRC greenhouses are being utilized to germinate cattails before they are transferred to the study areas.

Once again SCET was very involved with a variety of community programming and various outreach initiatives. Some of the activities include:

The 12th Annual Holiday Harvest food drive secured an unprecedented amount of donations in food, gifts and money from students enrolled in the various civil programs. Money raised this year was given to Winnipeg Harvest, the Red River College Students' Association Food Bank and Place of Hope.

The EET Kids Kamp, a free three-hour session for students in grades 7 and 8, ran on Saturdays at both campuses during the winter term. (Total length eight weeks)

Four EET instructors went to teach at the Shenyang Institute of Engineering (SIE), China.

Ms. Quanping Zou (Susan), an instructor from Shenyang Institute of Engineering (SIE), arrived in September 2012 and worked with Electrical Engineering Technology for four months.

A delegation of educators from Finland visited the Electrical Engineering Technology classrooms at the Roblin Centre, including observation of Rob Clairmont's CCNA Level 3 class.



RRC welcomes delegates from Finland

Ruben Sifrim's Biomedical Applications class visited the CancerCare department of Nuclear Medicine at The Health Sciences Centre.

Rob Vandendorpe presented at the St. John's High School Career Expo and he took four students with him from RRC's Electrical Pre-Employment (PE) program. RRC's PE students helped to mentor and engage high school students by demonstrating electrical projects at the Expo.

Electrical program demonstrations were held in the MTL (Mobile Training Lab) at RRC. Rob Vandendorpe asked Red River College students in the Electrical Pre-Employment (PE) program to volunteer to help grade 7 and 8 students from Elmwood School. PE students showcased the College's program with handson demonstrations and helped respond to questions about the program.

The Construction Trades department continued to hold the annual Girls Exploring Trades and Technology camps. Three week-long camps are held each July and each camp accepts 12 young women. The camp focus is on introducing girls to non-traditional careers in carpentry and trades. All participants build a non-motorized go cart as well as two smaller carpentry projects. The camp is offered free of charge to participants and is funded through a Technical Vocational grant and funding from private companies.

Carpentry coordinator Mike Watson and instructors David Doll, Rick Patapow and Guy Poirier judged and facilitated the annual Skills Manitoba Cardboard Boat Race held at the 17 Wing Rec Centre in Winnipeg. There were 20 four-person teams from various high schools in Winnipeg competing.

Steve Evecsyn presented Piping Trades as a viable career at École Edward Schreyer School in Beausejour.

Dwayne Sayers organized the 2013 mentorship program for RB Russell students. The program allows RB Russell students to attend a number of Greenspace Management classes. Instructors Adam Boone, Rick Carvalho, and students Cam Jackson and Bart Rejewski represented SCET at the Manitoba Construction Career Symposium.

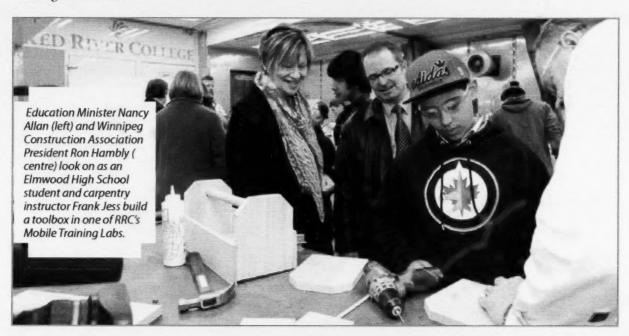
The Carpentry department hosted its 19th annual carpentry competition in May. The competition is comprised of a written and practical evaluation. Competitors are allotted three-and-a-half hours to complete the written test and eight hours to complete the practical portion of the competition. The competition is made possible through the support of the Carpentry Department and many sponsors who donate prizes and materials. The competition is open to the top six Level 4 carpentry apprentices and this year's winner was Derrick Anderson.

The fourth annual Hands-on Activity Week for Kids (H.A.W.K.) ran in July. The free camp is aimed at Aboriginal boys and girls aged 10 to 13 years. The camp includes cultural programming, recreation time and exposure to various skilled trades and technologies. This year's participants expressed a keen interest in bridge building and carpentry.

The Civil Engineering Technology Department sponsored 15 female students and/or instructors registered in any of the Civil, GIS or CMD programs to attend the Manitoba Community for advancing Women in Engineering, Science, Trades and Technology conference.

The Electrical Engineering Technology (EET) Co-op office organized on-campus interviews with hiring companies and 61 candidates from our first and second-year students.

Three EET students participated in fall term Co-op placements: two with SaskPower, and one at Koch Industries in Brandon.



Kevin Kozuska and Colin Antaya flew to Gillam to a deliver the online orientation to the level one and two Electrical students from Manitoba Hydro. The training center is being renovated to meet the needs for capstone projects.

All 15 eligible students graduated from the Greenspace Management program. This is the highest number of graduates since the program's inception.

Staff Notable Achievements

Adam Ding, an instructor in the Construction Management degree program, was one of five keynote speakers at the Association of Assessing Officers of Manitoba, "Great Minds Symposium."

Andrew Roncin presented a paper on "Thoughts on Engineering Ethics Education in Canada" and delivered a technical session at the Canadian Engineering Education Association (CEEA) Conference.

Jim Mackey delivered a presentation at the Canadian Network for Innovation in Education (CNIE). The presentation discussed on-line course delivery for Apprenticeship Training.

Masonry instructor Brian Gebhardt participated as a judge at the World Bricklaying competition held in Las Vegas.

Coordinator Dan Larson attended the National Pipe Trades Instructors' Conference at SAIT in Calgary. Dan co-hosted a seminar with Dean Wigmore from Red Deer College on water line sizing according to the 2010 National Plumbing Code.

Adam Ding passed the Project Management Institute's Project Management Professional (PMP) examination last month. Adam has also carned his Gold Seal Certified (GSC) designation from the Canadian Construction Association.

Civil Engineering Technology faculty members Shari Bielert and Brea Williams have attained the Canadian Green Building Council professional designation -LEED AP BD+C.

Shari Bielert, Nathalie Emond, Derek Kochenash, James Mackey, Tasha Shiaro, and Michael Watson are enrolled in the Masters of Education program.

Shari Bielert, instructor for Environmental Technology and the Applied Research Project lead in the Architectural/Engineering program, presented at the Environmental Learning Regime. The focus of this event, organized by Aboriginal Affairs and Northern Development Canada, was Regional Environmental Opportunities. Ms. Bielert's topic was Green Buildings: How to make your buildings more cost effective and how this can be applied on-reserve and for other projects.

Student Notable Achievements

Jesse Watson, third-year Architectural/Engineering Technology program, was the co-winner of the annual CEM Award (Co-operative Education Manitoba). Masonry student, Damian Thenhaus, won a gold medal in the bricklaying and Leonard Derksen won a bronze in the cabinet making competition at the Canadian

Jorgen Kaspick, Electronics Engineering Technology, won gold in the Electronics category of the Skills Manitoba Competition.

The 2012 Technology Awards Reception was held November 29 in the Voyageur Dining Room. Eightytwo awards, totaling \$102,450 were presented to worthy recipients. 2012 marks the 41st year that Ron Blicq has sponsored and presented the RGI Award for proficiency in technical communication.

The 11th Annual Trades Awards Luncheon was held May 10, 2013 in the Voyageur Dining Room. Eightyone awards, totalling \$48,850 were presented to worthy recipients, from a variety of trades specific program areas at the College. This amount represents an increase of \$2,000 from past years.

The 2012-13 Convocation Gold Medal winners were:

• Richard Rene Dionne Greenspace Management

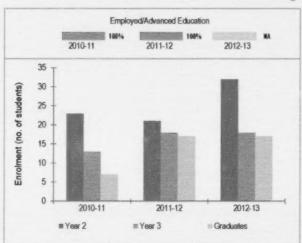
National Skills Competition.

- Torsten Giesbrecht Electrical Engineering Technology
- Brennan Alexander Lobban Network Technology (CCNP)
- Travis Cole Mauthe Network Technology (CCNP)
- Kevin Daniel Todd
 Architectural/Engineering Technology
- Daniel David Tronrud Cabinetry and Woodworking Technology



Girls Exploring Trades & Technologies (GETT) Camp participants

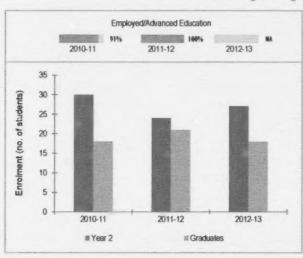
Architectural Engineering Technology



32-month co-op education diploma program

The program trains students to work with the engineering team in the design, detailing and preparation of contract documents for the construction of architectural and related building systems. Graduates have found employment with consulting and mechanical engineers, contractors, fabricators, architects and service industries, as well as with departments of municipal, provincial and federal government services.

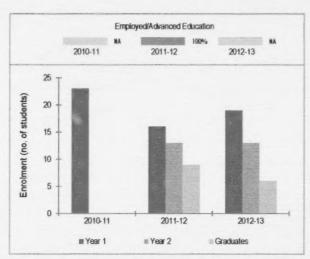
Building Design CAD Technology



20-month co-op education diploma program

The program builds on the principles of relevance and excellence to equip graduates with expertise in the latest technologies related to engineering construction systems. Building Design CAD Technology graduates are trained in the principles and applications of Architectural and Structural construction systems for careers in: CAD (computer aided drafting), design and construction of building systems, site inspection and supervision, contract administration and project co-ordination, technical sales and support, and building sciences.

Cabinetry and Woodworking Technology



Two-year diploma program

Cabinetry and Woodworking Technology is a versatile program offering a variety of learning paths, career avenues, and a paid co-op work placement which provides the opportunity to experience the industry. Learning is fostered through a blend of workshop practice, classroom delivery, computer labs, advanced woodworking technologies, and manufacturing concepts and techniques. Students will complete a major group project that gives the students the opportunity to step into the real world of woodworking.

Note: This program has replaced the Wood Products Manufacturing Technology program.

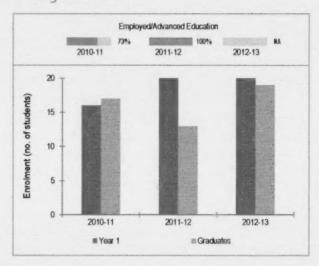
Cabinetry and Woodworking - Certificate

One-year certificate program

This program provides the knowledge and skills required to work at an entry-level position in a cabinet or millwork shop.

Students begin by learning about the safe operation of tools and equipment used to produce cabinets, furniture, and other wood products. They learn the basics of construction and finishing techniques, materials and hardware, and blueprint reading. Students receive instruction about the functioning of today's woodworking industry and how to work in it.

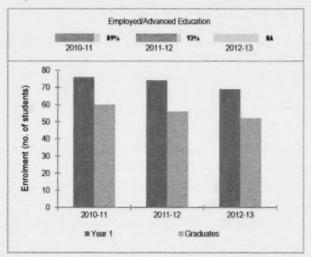
Note: This program has replaced the Wood Products Manufacturing - Certificate program.



Carpentry

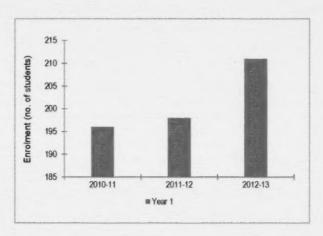
Five-month certificate program

Students develop a knowledge of woodworking machines, blueprint reading and sketching, and safe working practices and a familiarity with the materials and procedures needed to enter related occupations. Graduates acquire practical skills in framing, roofing, and surveying and have some exposure to concrete form construction. Graduates just starting in the trade can enter the apprenticeship program.

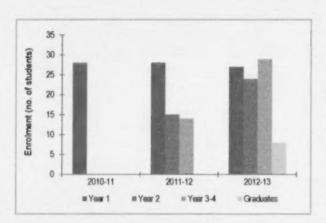


Civil Engineering Technology

Civil Engineering Technology offers a number of programs designed to provide students with career training in construction engineering, environmental protection, geomatics, and CAD technologies, as well as Professional Development courses. All Civil Engineering Technology students are registered in a common first year of academic studies, with a September entry date, where the emphasis is placed on developing generic core competencies.



Construction Management



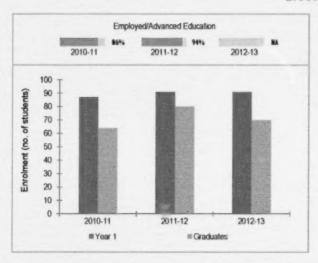
Four-year degree program

This degree program focuses on the management skills needed in heavy, industrial and commercial, and residential construction. Students develop managerial expertise and are working in the skilled trades, engineering, or engineering technologies.

Students learn how to work effectively in all construction management settings. Program learning outcomes comply with codes, laws, and regulations while respecting sustainable environmental practices.

Note: 2010-11 was the first year for this program.

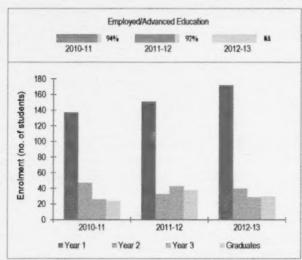
Electrical



Five-month certificate program

Students of this program develop the knowledge and skills required for employment in the electrical construction industry, public utilities, motor repair facilities, plus manufacturers and distributors of electrical equipment. Graduates have knowledge in the fundamentals of electricity, electrical codes, wiring practices, and trade safety awareness.

Electrical Engineering Technology



28-month diploma program

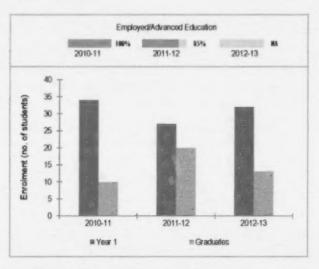
This program trains students to design, construct, troubleshoot and maintain a wide variety of electrical power systems. Graduates find employment at the engineering technologist level in electrical utility systems, consulting engineering, electrical manufacturing, electrical contracting, manufacturing and government agencies.

Note: The Electrical Engineering Technology program group consists of Electrical, Electronic, and Instrumentation Engineering Technology. Students who successfully complete the first year of studies in Electrical Engineering Technology may remain in their program or transfer into one of the other programs in Year 2.

Electronic and Network Technician

One-year certificate program

This program develops graduates with a sound knowledge of electrical and digital fundamentals including an expertise in computer servicing, network design, installation and maintenance. Graduates have found employment in automated factories as installer and maintenance staff, as well as medical electronics, computer services and public utilities.

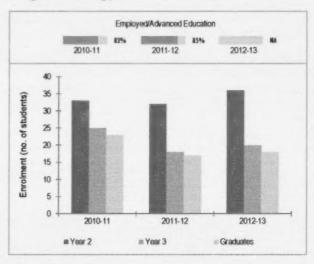


Electronic Engineering Technology

28-month diploma program

This program develops the knowledge and skills required to test, repair and develop a wide variety of electronic systems and equipment. Graduates find employment in a broad range of electronics-related occupations: in research and development; assisting in project development; in technical sales, selling and servicing electronic equipment; and in design and quality control.

Note: Electronic Engineering Technology requires one preliminary year of Electrical Engineering Technology studies.

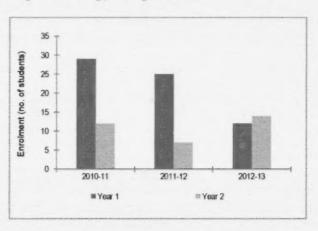


Electrical/Electronic Engineering Technology Integrated

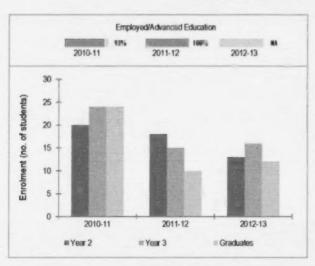
Three and one half year diploma program

This program is designed for applicants who do not meet the regular admission requirements of the three and one-half year Electrical Engineering Technology program or who choose to take it over four years. The integrated program is designed to provide a broad background so graduates are prepared to enter one of the many challenging jobs in aerospace, communications, manufacturing, healthcare, power and network utilities, or other areas in the electrical/electronic sector.

Note: In year 3, students will move to Electrical, Electronic, or Instrumentation Engineering Technology.



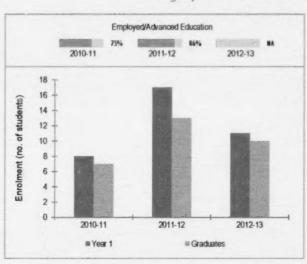
Environmental Protection Technology



32-month co-op education diploma program

Students develop knowledge and skills in the principles and applications of Environmental Protection Technology for careers in waste disposal and water supply, reuse and recycling, workplace health and safety, integrated project management site reclamation, remediation and containment testing, quality control surveying, and global positioning systems and modeling. Graduates find employment with consulting engineering firms, resource-based industries, construction and development companies, inspection and testing agencies, manufacturers, material suppliers, governments and crown corporations.

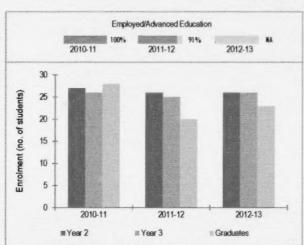
Geographic Information Systems (GIS) Technology



One-year advanced diploma program

This program provides trained technologists and other persons with the technical and conceptual skills in the design, development and implementation of Geographic Information Systems (GIS). Graduates find employment in municipal agencies, resource industries and utilities organizations. An appropriate undergraduate diploma or degree is a prerequisite for entry into this program.

Geomatics Technology



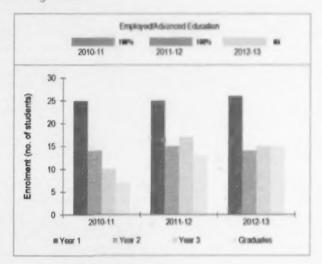
32-month co-op education diploma program

Students obtain knowledge and skills in the legal and engineering surveying fields. Graduates have found employment in a range of construction and resource industries, and in government services. They have been hired for jobs in land surveys, construction and topographic surveys, mining surveys, hydrographic and geodetic surveys.

Greenspace Management

Two and one half year co-op education diploma program with an optional advanced certificate in the 3rd year

Students develop the knowledge and skills required to construct and maintain greenspaces such as parks, golf courses and cemeteries. The program focuses on turfgrass construction and management, ground construction and maintenance, equipment operation, pesticide application, irrigation systems, horticulture, arboriculture, computers, office management and strategic planning. Graduates find employment in golf courses, departments of parks and recreation, and cemeteries.

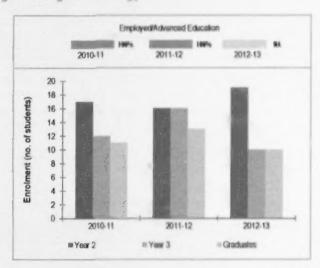


Instrumentation Engineering Technology

28-month diploma program

Students learn to design, construct, troubleshoot and maintain a wide variety of control systems. Graduates find employment as instrument mechanics, working with tools; as instrument technologists in engineering offices; as junior designers; and as technical sales people. Some graduates have moved into management positions.

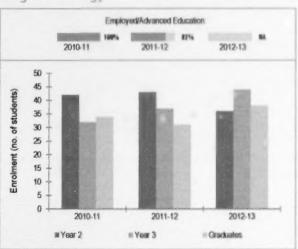
Note: Instrumentation Engineering Technology requires one preliminary year of Electrical Engineering Technology studies.



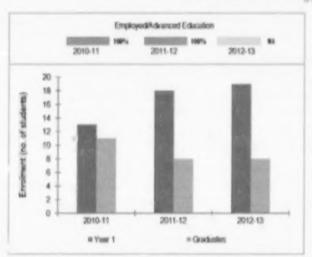
Municipal Engineering Technology

32-month co-op education diploma program

This program develops the knowledge and skills needed to assist in the design and construction of municipal services and roadways. Graduates have found work with consulting and engineering companies, government departments and agencies in the design and construction of sewer and water projects, highway projects, earth-retaining and hydraulic structures. Others are employed in equipment and material sales and in the research and manufacture of construction-related products.



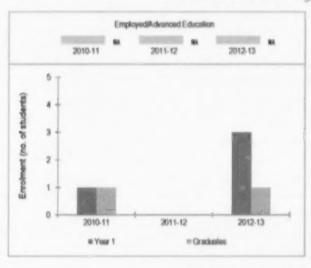
Network Technology (CCNA) Certificate



One-year certificate program

This program is intended for entrants who have worked with computer networks and who have more than a basic knowledge of computer systems. This multidisciplinary program encompasses courses covering a range of topics from windows client and server operating systems, computer hardware, advanced networking, network cabling, Unix, wireless networks, VOIP, and network security.

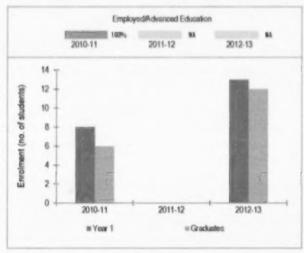
Network Technology (CCNP) Certificate



One-year certificate program

This program is intended for entrants who have worked with computer networks and who are certified as CCNA. This multidisciplinary program encompasses courses covering a range of topics including windows client and server operating systems, computer hardware, advanced networking, network cabling, Unix, wireless networks, VOIP, and network security.

Network Technology (CCNP) Diploma



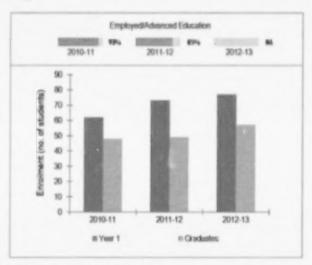
One-year diploma program

This program is intended for entrants who have completed the Electronic and Network Technician certificate program. This multidisciplinary program encompasses courses covering a range of topics including windows client and server operating systems, computer hardware, advanced networking, network cabling, Unix, wireless networks, VOIP, and network security.

Plumbing

Five-month certificate program

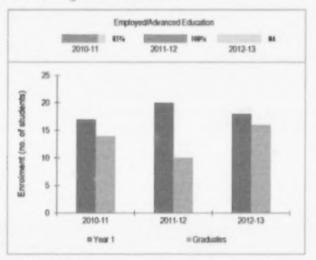
This program provides the knowledge and skills required to install and repair piping systems in residential and commercial buildings. Students learn to install and repair water and waste disposal systems and plumbing fixtures, and to lay out sanitary drainage, venting, and storm drainage systems. Emphasis is placed on the efficient and safe use of tools and materials in accordance with piping, safety and building codes and regulations.



Refrigeration and Air Conditioning Technician

One-year certificate program

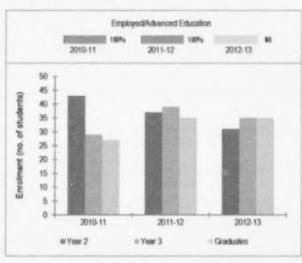
This program develops the skills required to install, service and repair commercial and industrial refrigeration and air conditioning equipment. Graduates find employment with refrigeration and air conditioning companies as apprentices or as customer consultants in refrigeration retail stores. Journeypersons work mainly in the construction of cooling plants and cooling cabinets and in the maintenance field for refrigerated vans, hockey rinks, food retailers, air conditioners and industries demanding cold temperatures for their processes.



Structural Engineering Technology

32-month co-op education diploma program

This program provides the knowledge and skills needed to work with the engineering team in the formulation and calculations for structural building systems. Graduates have found job opportunities in structural design and inspection with consulting engineering firms, contractors or government departments.





School of Health Sciences & Community Services

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This School consists of five departments: Allied Health Sciences, Community Services, Life Sciences, Nursing and Research. The Academic departments offer baccalaureate degrees, advanced diploma, diploma and certificate programs. The Research department is engaged in research and knowledge transfer projects around the world. As well, the School is involved in a number of community-based projects and health education partnerships with external agencies.

School Highlights

The major highlight of the year was the School developing its research department, and making Janet Jamieson its first research chair. Janet manages several projects that were previously in Community Services. As well, she has led the development of many new initiatives. There is a team of eight people working in research.

The research projects during the 2012/2013 academic year include:

- The Science of Early Child Development (SECD): 3rd edition and Planning Grant - A knowledge mobilization initiative that entails online, media-rich resources and courses focused on presenting current research related to early human development in an accessible and engaging format to a wide variety of audiences. RRC has partnered with the Atkinson Centre at the University of Toronto on this project for approximately 10 years.
- SECD International: A second phase of activities funded by the Aga Khan Development Network (AKDN) started in June 2011 and will continue until November 2014. This involves multiple activities aimed at furthering the reach of SECD and its key messages throughout their extensive network in Africa and Asia.
- Bangladesh Preprimary project: This project was developed in partnership with the Aga Khan Foundation Canada (CIDA funded). The project uses a tool that was developed to measure low literacy rates. The project ended in March 2013 and a second phase started in April that will continue the work for another year.
- Abecedarian project: Healthy Child Manitoba conducted an early childhood intervention in the Lord Selkirk Park neighbourhood based on findings from the Carolina Abecedarian project. RRC provided educational support and also produced a multimedia resource that was modeled on the Abecedarian approach to teaching.

- International Survey of Children's Well-being: An
 international team guides this study on well-being
 from a child's perspective and Red River College is
 delivering the Canadian pilot. We have recently been
 awarded a dissemination grant by CARD to write
 about the experience and communicate results to the
 participants.
- Cuba Filming: Supported by the Bernard van Leer Foundation, a stand-alone video and vignettes about the Cuban early childhood health and education system, have been filmed and are being produced for use by the Bernard van Leer Foundation.

Several new research projects are currently in development.

Nursing Department highlights were:

Karen Wall, Chair of Nursing and Karen McDonald, Bachelor Nursing Student (3rd Year), participated in a time capsule event at the College of Registered Nurses of Manitoba (CRNM) as part of the CRNM 100th anniversary celebrations. RRC submitted a copy of the 2012/2013 Nursing Student Handbook and a sample chevron from the BN nursing student uniform.

A virtual community teaching video that represented a remote Aboriginal community and how healthcare services are delivered through nursing stations was developed at RRC. This video received funding and support through a variety of agencies and departments including: RRC RIF Grant, the RRC Bachelor of Nursing Department, eTV services, Health Canada, and the Bloodvein First Nations.

The Nursing Department worked on a project to enable nursing students from SIAST to access the Scholarly Writing course.

On June 4, 2013 the Honourable Theresa Oswald, Minister of Health, visited Red River College's Bachelor of Nursing program and met with several third-year BN students and their instructors. The Department of Nursing and CancerCare Manitoba reached an agreement to allow BN students to acquire clinical experience with CancerCare for the first time ever.

Nursing instructor, Bernie Mandrick negotiated an agreement with the Seven Oaks School Division to allow RRC nursing students to work with special needs children in several schools within the division. This will be part of the students' pediatric clinical experience and is a trailblazing initiative for nursing education. The initiative involves, RRC Nursing, Seven Oaks School Division administration and teachers, Manitoba Health and parents, and begins in the fall of 2013.

The Nursing Department held its annual Teaching Excellence Day at The Roblin Centre. The theme was Facilitating Teaching Excellence, Research and Scholarship. It featured guest speakers Dr. David Gregory, Dean of Nursing, University of Regina and Dr. Jean Harrowing, Associate Professor, Faculty of Health Studies, University of Lethbridge. Louise Gordon, Dean of the RRC School of Health Sciences and Community Services and Janet Jamieson, Research Chair for the School of Health Sciences and Community Services also presented. Several Nursing Department instructors presented research projects.

The Allied Health Sciences Department highlights were:

The Primary Care Paramedicine program received its six-year accreditation status from the Canadian Medical Association Conjoint Committee on Accreditation. The MRI program received a two-year accreditation status.

Pre-hospital Treatment Life Support Workshops were offered by the Primary Care Paramedicine program several times this year in Winnipeg and also in two remote sites in Cross Lake and Norway House for aboriginal paramedics.

Primary Care Paramedic program was upgraded to a six-year accreditation status. The Magnetic Resonance Imaging & Spectroscopy program received a two-year accreditation status.

The Life Sciences Department highlights were:

The Animal Health Technology (AHT) program received two new pieces of equipment: The Idexx Catalyst Chemistry Analyzer for Veterinary Medicine and a Konica ImagePilot CR System for Veterinary Digital Radiography. This type of equipment is widely used at veterinary clinics within Winnipeg and Manitoba.

The Animal Health Technology program faculty and "guest instructor" Miniature Schnauzer, Sienna, hosted an interactive visit for fifteen Grade 9-11 students and three program mentors from the Wayfinders Program.

Red River College was the site of a two-day conference in Veterinary Anesthesiology for Veterinarians and registered Animal Health Technologists. Health Canada donated an updated gas chromatography mass spectrometry system for the Chemical and Biosciences Technology program. The instrument supports students in the Applied Instrument course and Research Projects.

Valeant Pharmaceuticals, an RRC industry partner, donated laboratory glassware and dissolution instructions to the Pharmaceutical Manufacturing and QA/QC programs.

The Life Sciences department hosted its 3rd Annual Great Red River Lab Challenge – a science competition for high school students in collaboration with MindSet Manitoba.

The Life Science Department supported the School of Indigenous Education H.A.W.K. Camp by hosting a group of children for an afternoon. The school delivered science information and learning activities about germs, and chemical reactions. The group took part in many activities including a hand washing experiment that made germs glow; they mixed chemicals to produce polyurethane foam; observed how different salts make crystals form and the use of this process in producing sci-fi movie sets.

Pharmaceutical Manufacturing instructor, Said Hassan, delivered a presentation on "scientific experimentation and documentation" to high school students at Garden City Collegiate. Said mentored two of the high school students in projects in his area of expertise. As part of this work, Said wrote an article on his experiences Guiding high school student through applied projects in college environments – a Met school story. This article was published in the Education Canada magazine (2012, Vol. 52, Issue 5).

The Pharmaceutical Manufacturing program participated in the "Youth in Manufacturing" event. The event is organized in co-operation with Skills Manitoba, and had more than 100 students from 10 different high schools participate.

The Dental Assisting program was surveyed for accreditation by the Commission on Dental Accreditation of Canada.

A new agreement between RRC Dental Assisting and the U of M Faculty of Dentistry was developed. The contract allows the RRC program to utilize the Faculty of Dentistry's radiology and pediatric clinics to enhance the students' in-class experience. This provided an opportunity for the dental assisting students to work directly with students from the Faculty of Dentistry and to apply dental imagery on children. RRC is currently the only dental assisting program in Manitoba with an agreement with the Faculty of Dentistry.

The Frontier School Division arranged for students to visit the Dental Assisting Program. The purpose of the program was to expose students from Northern Manitoba to a variety of post-secondary opportunities. Students from Norway House were able to participate

in aspects of the dental assisting program, and gain a better understanding of the opportunities that exist at the College.

Life Sciences Instructors Michael Judge and Curtis Aab completed a Research Innovation Fund (RIF) project investigating the viability of using ethyl lactate (EL) as a solvent in the analytical chemical technique, known as high performance liquid chromatography (HPLC). The results from this project could make many lab analyses more environmentally friendly. EL was found to be a suitable candidate for the replacement of many toxic solvents in the practice of HPLC. The outcomes of the project will be submitted to a peer-reviewed publication and shared with the RRC sustainability department for review and possible inclusion in STARS.

Life Sciences participated in Manitoba's Biotech Week by hosting 18 Grade 11 and 12 students from St. Paul's School in Elie, MB. All Life Sciences programs participated in the following student recruiting activities: Discovery Days, Children of the Earth and Career Trek.

The Community Services Department highlights were:

The Child and Youth Care (CYC) faculty are leaders in the national move to embed accreditation into program review process for this profession. As part of its program renewal, the CYC program worked towards blended learning delivery models in course delivery to enhance the student learning experience.

The Disability and Community Support faculty received the Community Living Manitoba President's Award for Leadership.

The Early Childhood Education (ECE) students were part of a day-long session with Yellowquill College for the course Respect Children with Diverse Cultures.

Staff Notable Achievements

Louise Gordon, Dean of the School of Health Sciences and Community Services, is the Chair of the Board of the Winnipeg Humane Society. She is also the Vice-Chair of the Canadian Medical Association's (CMA) Conjoint Committee on Accreditation. She participated on a committee with the CMA that reviews accreditation requirements. Louise also chaired a committee on Advanced Practice for the Canadian Association of Medical Radiation Technologists (CAMRT) and she is the education representative on CAMRT's Education Advisory Committee. Louise is the past chair of the Canadian Association of Allied Health Programs, and is a member of the board of the Life Sciences Association of Manitoba.

Karen Wall, Chair of Nursing, was awarded a Queen Elizabeth II Diamond Jubilee Medal for her contributions to nursing and healthcare in Canada. The Canadian Nurses Association presented the award to her. Karen was also honored at the College of Registered Nurses of Manitoba's 100th Anniversary Gala. Leslie Walsh, Coordinator of BN Academic Advisement and Recruitment, and Winn Briscoe, Nursing Instructor, received a Professional Scholarly Nursing Excellence Award for Education from the College of Registered Nurses of Manitoba at a celebratory dinner.

Dawne MacKay-Chiddenton was given an honorary lifetime membership to the Child & Youth Care Workers Association of Manitoba for her work for CYC and the board for the past 20 years.

Susan Claire Johnson was nominated for a Heroes Award by the CMHA Winnipeg Region for her work as a Mindfulness Based Stress Reduction Instructor.

The Disability & Community Support faculty received the Community Living Manitoba President's Award for Leadership. The award recognized the contribution the faculty has made to education that values the rights of individuals with disabilities.

Kelly Andrushko received U of M's Qualitative Research Group's Annual Award for graduate students.

Kim Herman and Cathy Denby, CYC instructors at the Ndinawe program, made a presentation about their program at the International CYC conference in Canmore, Alberta.

Dawne MacKay-Chiddenton and Diane Parris had a proposal accepted to present a paper at the CYC World Conference, Making Connections and Completing the Circle: From Them to Us & Back Again.

Disability and Community Support faculty and students attended the Canadian Association for Community Living/People First of Canada annual conference. They also organized and hosted the Inclusion Café where conference participants could take a break, chat with others and reflect on what they were learning.

Marc Battle presented a keynote address called "The Warrior Code" at the Association of ECE Educators of Newfoundland.

Marc Battle was the keynote speaker at the Raising the Bar conference in Simcoe, Ontario.

Melanie D'Souza facilitated a workshop, All Things Abecedarian, at the Windy Hills Conference Centre. The workshop was delivered to the staff at the Lord Selkirk Park Early Learning Program.

Sue Narozniak presented Documentation for Learning: Emergent Curriculum in Early Childhood Education at the International Innovations in Early Childhood Education: A Canadian Forum on Early Childhood Frameworks in Victoria, BC.

Kelly Andrushko presented Body Image, Eating, Attitudes and Behaviours, and Physical Activity Among School-Age Children: Implications for Front Line Professionals at International Innovations in Early Childhood Education: A Canadian Forum on Early Childhood Frameworks in Victoria, BC. Michele Sykes is currently the President of the Manitoba Association of Medical Laboratory Science.

Jodia Possia is currently the President of the Paramedic Association of Manitoba.

Dawne MacKay-Chiddenton has been elected to the Child & Youth Care Accreditation Board of Canada as secretary, representing RRC in the West.

Early Childhood Education faculty, Cynthia Alles-Parasidis and Tanya Larter, were appointed board members for Rivercrest Early Learning and Child Care.

Sharon Balasko has been appointed Chair of the Daycare Staff Qualifications Review Committee.

Laura Orestes, Ruth Lindsey-Armstrong and Michele Henderson completed their Certificates in Adult Education.

Mavis Lewis-Webber completed the Recognition of Prior Learning certificate program.

Cheryl Martens facilitated a PATH (Planning Alternative Tomorrows with Hope) for the Manitoba Association on Universal Design at the University of Manitoba, Faculty of Education.

Disability & Community Support student Brittany Joyce and instructor Tara Mullen developed and delivered a workshop on *Relationships and Sexuality*.

Cheryl Martens was a panel member for the Manitoba Association for Rights and Liberties film festival and spoke about the film *The Freedom Tour* that was produced in Manitoba.

Marc Battle wrote an article on children's music for MCCA's Bridges journal called Are You Experienced?

Marc Battle wrote an article on technology and teaching for the Canadian Child Care Federation's journal Interaction called *Robert Johnson Made a Deal with the Devil.*

Andrea Winther contributed to the article *Twist and Shout: How Music and Movement Builds Better Brains* in the fall edition of Bridges.

Melinda Walden presented *Gun Play Project* at a Stanley Knowles School Age Centre staff meeting.

Melinda Walden presented *Teaching Parents through Play* for Nursery School Educators at the Family.

Kim Hanna presented *Group Time Gatherings* at the MCCA Winter Workshop Series.

Michele Henderson and Anne Rundle facilitated a daylong session joining Yellowquill College and RRC students for the course: Respect Children with Diverse Cultures.

Kelly Andrushko, Melinda Walden and RRC graduate Adam Manicom facilitated a discussion on the concept of Rough and Tumble Play.

Student Notable Achievements

Disability & Community Support graduate Adebola Ogunsanya and Child & Youth Care graduate Jason Fillmore were profiled in the *Winnipeg Free Press* for the personal challenges they faced during their time at RRC.

Disability and Community Support student Andrew McLean created an award for RRC students with disabilities. He presented the award to a Child & Youth Care graduate at the CYC graduation.

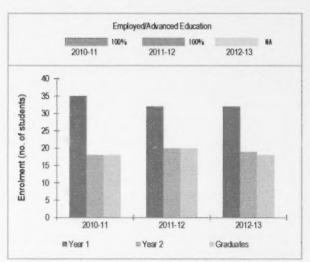
The 2012-13 Convocation Gold Medal recipients were: Gold Medal winners

- Jeannine Nicole Blanchette Disability and Community Support
- Karla Mary Hendrickson Child and Youth Care
- Jennifer Lindsay Mairs Medical Laboratory Sciences
- Jaclyn Rutherford Chemical and Biosciences Technology
- Lisa Marie Sandquist Rea Animal Health Technology
- Cynthia Watcher Early Childhood Education
- Mae Lee Wong Medical Radiologic Technology



Animal Health Technician grads, Mary Robinson and Tannis Rentz raised money for a Dog Saving Mission in Nepal

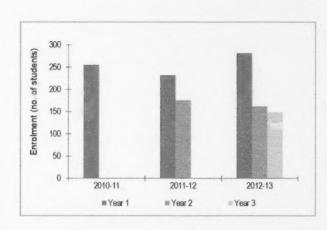
Animal Health Technology



Two-year diploma program

This program prepares students to develop the knowledge and skills required to be a member of an animal health care team. While most graduates find employment in private veterinary practices, some graduates also work in farm production units, research laboratories, zoological collections and the federal or provincial governments.

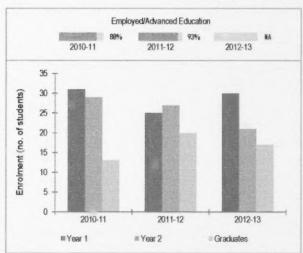
Bachelor of Nursing



32-month degree program

Following successful completion of this program, graduates will receive a Bachelor of Nursing (BN) degree from Red River College (RRC) and will be eligible to write the Canadian Nurse Registration Exam (CRNE). When graduates successfully complete this national exam, they are entitled to become a member of the College of Registered Nurses of Manitoba (CRNM) and legally use the designation Registered Nurse (RN). Employment is found throughout the health care system.

Chemical and Biosciences Technology



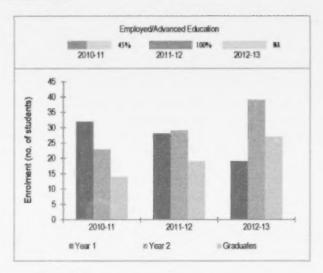
Two-year co-op education diploma program

This program prepares students to have the knowledge and skills required to work as technologists in the industrial biosciences, chemical/life sciences fields. Graduates find employment as technologists in analytical analysis, research, quality assurance and biotechnology.

Child and Youth Care

Two-year diploma program

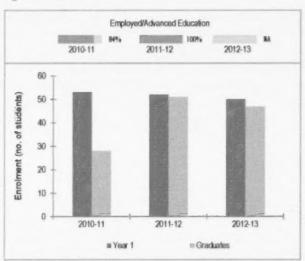
This program provides the skills to enable graduates to assist children, youth and their families develop strengths and skills to identify and resolve concerns in their lives. Child and Youth Care practitioners work in a wide range of settings with children and youth experiencing behavioural and/or emotional difficulties. The need for child, youth and family support expands in response to the multiplicity of social and economic issues affecting communities.



Dental Assisting - Level II

One-year certificate program

This program is designed to develop the skills required to assist dentists in all dental procedures, such as mixing materials and preparation of instruments, operatories and working with patients. Graduates find employment in private dental offices, large clinics and in government public health programs.

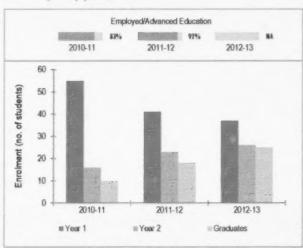


Disability and Community Support

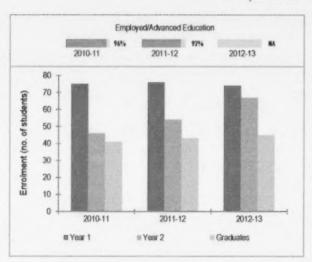
Two-year diploma program

This program provides the knowledge and skills required to provide quality assistance to individuals with an intellectual disability living in the community. Positions may be found in community residential settings, employment-related programs, and developmental and educational services.

Note: Thirty students are enrolled annually, the remainder in first year are individuals requesting credit through the College's Recognition of Prior Learning opportunities.



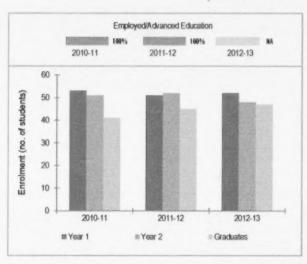
Early Childhood Education



Two-year diploma program

The purpose of this program is to provide students with the knowledge and skills required to offer quality early childhood education in the community. Graduates find employment working with young children in a variety of child care centres.

Early Childhood Education - Workplace

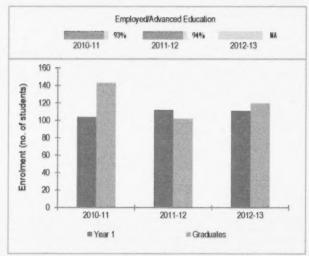


Two-year diploma program

The purpose of this program is to provide students who are already in the workforce with the knowledge and skills required to offer quality early childhood education in the community. Students attend classes at Red River College two days a week and work at their current employment for three days a week. Graduates competently plan appropriate learning experiences that stimulate the intellectual, physical, emotional and social development of young children.

Note: Students entering second year will graduate in the following academic year.

Health Care Aide



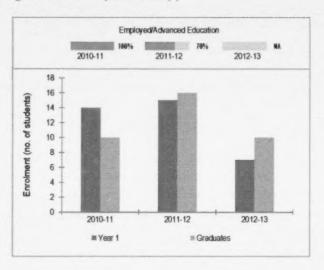
Five-month certificate program

This program is designed to prepare students to become health care workers who, under the supervision of a nurse, assist hospital patients, personal care home residents, or home care clients with meeting their physical, emotional and social needs. Graduates find employment in hospitals, personal care homes, and community or home health care agencies.

Magnetic Resonance Imaging (MRI) and Spectroscopy

Nine-month post diploma program

This advanced program teaches proficiency in producing high quality images and optimal utilization of MRI equipment. Graduates are prepared to write the National Certification examinations and are also prepared in basic spectroscopy. This program is a partnership with the Institute of Biodiagnostics at the National Research Centre and clinical sites.

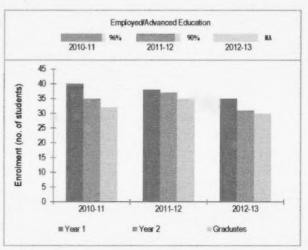


Medical Laboratory Sciences

Two-year diploma program

This program is designed to provide the academic knowledge and supervised practical experience to develop the required skills in the 5 sub-specialty areas of a medical laboratory science environment.

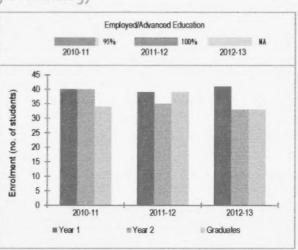
Graduates find work in hospitals, other health care facilities, private and public labs and Canadian Blood Services.



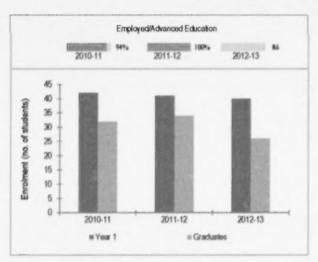
Medical Radiologic Technology

Two-year diploma program

The purpose of this program is to develop proficiency in the management of patients and the safe operation of x-ray equipment. Graduates find employment in hospitals and medical clinics. Some are working in related teaching and research, while others are employed as technical advisors or representatives for x-ray equipment and supply manufacturers. Graduates may choose to further their training in magnetic resonance imaging and ultrasound programs.



Paramedicine - Primary Care Paramedic

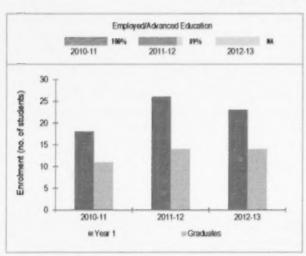


One-year certificate program

This program provides students with the knowledge and clinical experience to develop the required skills to work in the field of emergency medical services.

This program is based on the national occupational competency profile for Paramedicine - Primary Care Paramedic, and supports employment opportunities in rural and northern Manitoba.

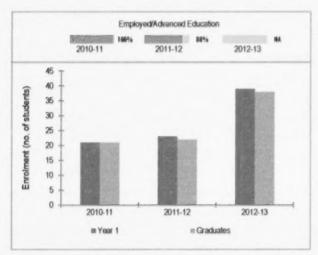
Pharmaceutical Manufacturing



Eight-month certificate program

Pharmaceutical Manufacturing provides the required skills for working within the Life Sciences industry in the production of both solid dose and bio-fermentation pharmaceuticals drugs. Skills included are documentation, safety and cross contamination prevention, milling and blending of powders, tablet compression, and bio-fermentation. Graduates find employment as production technicians with Manitoba's regulated pharmaceutical manufacturing companies.

Quality Assurance/Quality Control (QA/QC) in the Pharmaceutical Industry



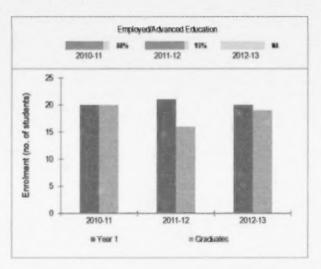
One-year advanced diploma program

This program provides instruction in the concepts of working in a manufacturing environment controlled by regulatory agencies. As a QA/QC specialist, a graduate will be eligible to work in Good Manufacturing Practices (GMP) regulated laboratories or GMP regulated pharmaccutical manufacturing companies in quality control laboratories or in quality assurance, as well as in International Standards Organization (ISO) or Good Laboratory Practices (GLP) regulated laboratories.

Rehabilitation Assistant

Joint one-year certificate program

This program, offered jointly by RRC and Winnipeg Technical College, prepares students with the knowledge and skills necessary to provide rehabilitative care to clients and families under the supervision of a licensed rehabilitative therapist (i.e. Physical Therapist, Occupational Therapist, Speech and Language Pathologist). Graduates are employed in a variety of areas including health care facilities, schools and other organizations providing home therapy service.





The Province announces a new Ultrasound training program at Red River College



School Highlights

Keith Müller was appointed the new Dean of the School of Hospitality and Culinary Arts in August 2012.

On January 7, 2013 the College welcomed its first group of students to the Paterson GlobalFoods Institute (PGI). This facility, located at 504 Main Street, is the new home for RRC's School of Hospitality and Culinary Arts.

During the second week of January the College opened the Culinary Exchange at the Paterson GlobalFoods Institute. First- and second-year Culinary Arts students are responsible for preparing and serving the food as part of their curriculum.

A new group of Apprentice Cooks began at PGI and were preparing and serving Chef Tables throughout January. They also had a beef-butchering demo, suckling pig demo, and a guest chef from a local well-known and established Italian restaurant in Winnipeg, Tre Visi.

February 21 marked PGI's Grand Opening.
Approximately 200 guests including The Honourable Greg Selinger, Premier of Manitoba, His Worship Mayor Sam Katz, City of Winnipeg, and The Honourable Steven Fletcher, Member of Parliament for St. James-Assiniboia attended. The evening event saw approximately 240 guests touring the building, with food and beverage stations located across the three floors of the school.

On March 7 Jane's Restaurant opened for evening service. The restaurant is staffed by Hospitality and Culinary Arts students and offers urban upscale fine dining.

Blair Mineault delivered the online Bartending course over a five-month period at the Shenyang Institute of Engineering (SIE) in China.

Tourism and Management students planned and hosted a "Faces of the Industry" networking event and mini conference. This event featured a trade show and

School of Hospitality & Culinary Arts

Dean Keith Müller Paterson GlobalFoods, Room 316B

Phone: 204-632-2309, Email: kfmuller@rrc.ca

This School consists of one academic department, Hospitality and it offers programs designed to meet the specific needs of the culinary and hospitality professions. The School and its programs are part of the Paterson GlobalFoods Institute that also includes a student residence and Jane's, a student-run urban upscale restaurant.

speaker sessions. This event was the final project for these students.

RRC and Granny's Poultry entered into a partnership to test and develop four new products that Granny's Poultry will be taking to market later this year. As part of the partnership Granny's Poultry made a donation to the PGI Capital Campaign along with a part-time staff member conducting food research at the Paterson GlobalFoods Institute. This research is further supported through a NSERC ARD grant of \$25,000 to help develop these four new products.

A team from the School of Hospitality and Culinary Arts participated in the Pulse Manitoba Mission: ImPULSEible competition. The team won the regional competition with the Vegan Ice Cream Sandwich made with lentil chocolate cookies and chickpea ice cream.

RRC has partnered with the Food Science department at the University of Manitoba on a joint food product development project involving preserving Manitobagrown produce. RRC students will create a recipe, such as a chutney or pickle that would be scaled up in small batches. The Food Science students would create the Hazard Analysis and Critical Control Points (HACCP) plan and food safety/quality program to ensure the product is safely produced (this will include chemical and microbial testing).

Work is underway with the Manitoba Agri-Health Research Network (MAHRN) to use products created in the Manitoba Functional Foods Opportunities Program (MFFOP) in class. Many of these products are very new to the market and MAHRN is looking for feedback from the Culinary Arts students on performance and taste. The College is currently testing a low sugar Saskatoon berry syrup in the Mixology lab.

RRC met with the Winnipeg Regional Health Authority and have identified three projects to work on. The next step will be to identify potential industry partners that could commercially produce the resulting recipes locally. The Culinary Arts students would develop the

recipes and the commercial partners would scale up and sell the product to the WRHA.

The School of Hospitality and Culinary Arts is currently in discussion with Anandha, a small local company that carries a variety of beet products. The discussions are centered around new methods of using beets. This discussion was held in conjunction with IRAP and the final goal is to find ways that RRC can help move the company into the food service industry.

Hospitality students volunteered at The Gold Medal Plates Competition. The students were responsible for serving the competitors' dishes to the judges and the Culinary Arts students assisted the competing chefs.

Four students from RB Russell Vocational High School attended Culinary Arts classes as part of their discovery of post-secondary study options.

Culinary Arts students volunteered to support a fundraising event at Rossbrook House. As part of their contribution, the Culinary Arts students created a variety of sandwich and food platters that would be served at the event.

Culinary and Baking Students made 700 cookies for Red River Heritage Fair. The May event involves more than 325 students in grades 4 to 11 at the UW's Duckworth Centre.

Tom Pitt, Culinary Arts instructor, and two Culinary Arts students, Alex Wong and Graham Blom, attended the National Ice Championships in Chicago. The students fundraised for one-and-a-half months and volunteered their time to attend the event. They also attended the NRA show, which is the largest restaurant and trade show in North America.

Luc Jean did presentation and demonstration on healthy cooking for the Canadian Liver Foundation. The demonstration was in the mixology lab and featured four liver-friendly recipes. There were about 25 people in attendance.

Tom Pitt, Chantalle Noschese and Karl Oman along with students volunteered at the National Aboriginal Day Festival at the Forks Market.

Student Notable Achievements

Professional Baking students won the "Most Original" entry at the annual Festival of Trees and Lights Ginger Bread Competition.

Chelsey Delaquis, Tourism student, was awarded \$1000.00 at the bi-annual Skäl (International Association of Tour and Travel Operators).

At the Provincial Skills competition, students from RRC's School of Hospitality and Culinary Arts performed extremely well. Randy Greig won in the Culinary Arts category and Jordain Houdayer won in the Baking/Patisseries category. Both of these students went on to represent RRC at the National Skills Competition in Vancouver in June 2013.

The 2012-13 Convocation Gold Medal and Lieutenant Governor Medal Award recipients were:

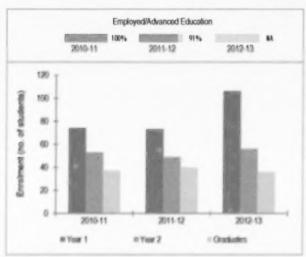
Gold Medal winners

- Ronald Kristopher Ade Culinary Arts
- Beatrice Grace Lorenzo De Mesa Hotel and Restaurant Management

Lieutenant Governor Medal winners

- Kimberly Cowan Professional Baking
- Patrick Murphy
 Hotel and Restaurant Management

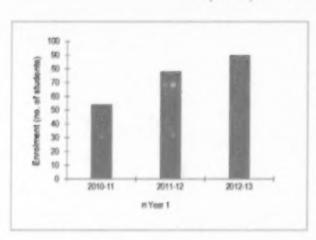
Culinary Arts



Two-year co-op education diploma program

Culinary Arts focuses on developing sound culinary skills to prepare students to meet the challenges of an increasingly sophisticated and demanding hospitality industry. The program includes two terms of paid employment in the kitchens of established hotels, restaurants or private clubs in Manitoba. Culinary Arts also incorporates the use of laptop computers as an integral part of learning and working.

Hospitality and Tourism Management

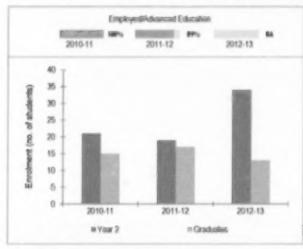


Two-year diploma program

Hospitality and Tourism Management is a two-year (24 consecutive months) diploma program with a September entry date. Students will register into a common first year and, prior to entering second year, will select either the Hotel and Restaurant Management major or the Tourism Management major.

The common first year will provide a mix of general business courses as well as tourism and hospitality specific courses. This is intended to provide exposure to various aspects of the Hospitality/ Tourism industry before selecting a second year major in either Hotel and Restaurant Management or Tourism Management.

Hotel and Restaurant Management



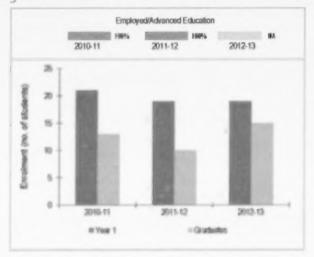
Two-year diploma program

Students successfully completing the requirements of first year Hospitality & Tourism Management may choose to enter either the Hotel and Restaurant Management major or the Tourism Management major in their second year. The Hotel and Restaurant Management major will focus primarily on two of the eight tourism sectors - Food and Beverage and Accommodation. The courses are delivered from a supervisory or management perspective. The Hospitality Simulation offered in the final term is a capstone course requiring students to work in teams to resolve a variety of case studies, drawing on academic and work experience from previous terms.

Professional Baking & Patisserie

One-year co-op education certificate program

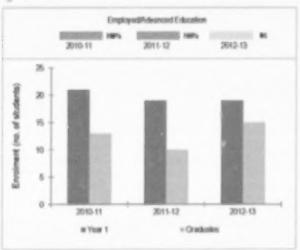
This program develops basic baking skills and related requirements through classroom instruction, practical lab training and off-campus work experience. A student begins employment as a baker's helper and may advance to a position as a competent tradesperson within approximately one year. Opportunities for employment exist in both large and smaller bakery operations.



Tourism Management

Two-year diploma program

Students successfully completing the requirements of first year Hospitality & Tourism Management may choose to enter either the Hotel and Restaurant Management major or the Tourism Management major in their second year. The Tourism Management major focuses elements of the tourism sectors, excluding accommodations and food and beverage. The program mix is intended to provide students with a broad picture of the tourism industry and the scope of employment opportunities available.





School of Indigenous Education

Interim Dean, Christine E. Crowe. PhD Notre Dame Campus, Room C720A

Phone: 204-631-3373, Email: cecrowe@rrc.ca

The School offers a number of strategic programs and services designed to assist students from various backgrounds to be successful in all areas of the College. An important focus has been co-operative work with the Aboriginal community. The School continues to improve programming and supports for Aboriginal (First Nation, Metis and Inuit) students and to improve services to Aboriginal communities by partnering with organizations and agencies in providing community-based education programs.

This School includes the Aboriginal Education/Program Development and ACCESS Programs department; the Aboriginal Student Support & Community Relations unit; and the Adult Learning Centre.



School Highlights

The Adult Learning Centre (ALC) increased the enrolment from 306 in 2011/2012 to 375 in 2012/2013. From 2011/2012 to 2012/2013, the Adult Learning Centre increased the student success rate by 11.8%.

Marti Ford, Dean of School of Indigenous Education (SIE) and April Krahn, Director of Aboriginal Student Support & Community Relations (ASSCR), met with Jacqueline Kohut-Ratte and Louie Oderico from Apprenticeship Manitoba and Peter Narth from Technical Vocational Initiative and secured \$400,000 in funding for the Mobile Training Labs.

Brian McLeod, Cultural Advisor, worked in co-operation with the carpentry department, Manitoba Apprenticeship and Building Urban Industry for Local Development (BUILD) to incorporate and facilitate cultural teachings and personal identity into the pilot program.

Aboriginal Student Support Representative, Jamie Chahine, attended a roundtable meeting with invited guests at the South East Resource Development Council to discuss Hollow Water education development and an upcoming symposium.

Jaime Richard was a guest on the Frank and Kevin Podcast show highlighting RRC programs, support and services as an institution of choice.

A Program Innovation Fund (PIF) was received to continue with the development of Cree/Ojibwe CAN8 Online course. The PIF is currently in phase three of a four-phase project. Phase four, which is the pilot, is expected to start in January, 2014.

The ALC received \$11,500 from Adult Learning and Literacy Branch of the Manitoba Department of Education to replace outdated computer equipment to be used for in-class instruction.

ASSCR was granted a Program Innovation Fund grant to develop a college-wide Aboriginal Alumni Mentorship program.

The Adult Learning Centre (ALC) is now supporting students from Taking Charge Manitoba.

April Krahn served as the Master of Ceremonies for the First National Conference on behalf of the Canadian Aboriginal Human Resource Management Association (CAHRMA).

Tracy Brant, Aboriginal Centre Coordinator, participated in a Strategic Enrolment Management video to discuss how her role contributes to elevating students' potential at RRC.

One of RRC's Elders, Mae Louise Campbell, provided a narrative in the video *The Story of Makoonsag Intergenerational Children's Centre*. The video was directed by Jamie Koshyk (Community Services) and produced in conjunction with eTV. This video documents the design and development of an Aboriginal child care program in the heart of Winnipeg.

Monica Morin, Aboriginal Liaison Advisor, joined Jewel Blackburn and Marion Wood, Post-Secondary Counselors, on the Bunibonibe Nantotamowin radio station in Oxford House, where she spoke about RRC as an education option.

Jaime Richard, Aboriginal Recruiter, was interviewed on RRC's Red River Radio show "The Morning Hike with John and Mike" to discuss her role and how she and the ASSCR team work with Aboriginal students.

Jeff Chartrand, Academic Coordinator, was interviewed by Native Communications Incorporated (NCI) to promote and recruit students for our new program, Aboriginal Program for College Enrichment and Transition.

Marti Ford, Elder Levinia Brown, Elder Mae Louise Campbell and Brian McLeod attended the Red River College's Paterson GlobalFoods Institute grand opening ceremony. Both Elders provided the opening prayer and Brian sang an Honour song.



As a result of partnership between the School of Indigenous Education (SIE), Department of Education, Technical Vocational Initiative and Elmwood School, Red River College hosted a pilot project for Grade 7 and 8 students to explore careers in various trades. The students came for three days over the period of three-weeks to sample various trade programs with hands-on activities both in the mobile lab and on-campus. This pilot program also included self-esteem and value based exercises/activities in addition to cultural teachings to advance students' confidence about themselves as Aboriginal youth.

SIE established a partnership with Mining Industry (SAN Gold) to conduct information sessions and exit interviews with students upon receiving their Introduction to Trades Certification and placement in Level 1 jobs (electrical, carpentry and heavy duty mechanic).

SIE developed a partnership with Building Urban Industry for Local Development (BUILD) to implement the Level 1 & 2 technical apprenticeship training for Carpentry that began with Academic Coordinator Bob Fisher.

Initial planning meetings began with Stevenson Aviation & Aerospace Training and ACCESS Aircraft Maintenance & Manufacturing. The purpose of the meetings were to work partner with the Income Exchange Group's aviation transportation sector and to explore employment opportunities for RRC AME trainces at Perimeter Air, Keewatin Air, Bearskin Air, Custom Helicopters and Calm Air.

Bob Fisher, Academic Coordinator, made the first recruitment presentation to the Aboriginal community in Selkirk regarding our Introduction to Trades program that is slated to begin in September 2013.

> SIE has established dual credits with R.B. Russell Vocational High School for the Computer Application for Business Program. SIE has established dual credits with the RRC Adult Learning Centre for the Aboriginal Program for College Enrichment and Transition

Cheyenne Chartrand, Wellness Counselor, Exchange District Campus, facilitated two presentations at Lakehead University (Faculty of Education) in Thunder Bay, Ontario on Colonization and the Impact on Indigenous Women.

Cheyenne Chartrand co-facilitated a workshop at the Aboriginal Circle of Educator's conference with Shannon Buck, Executive Director for the West Central Women's Resource Centre entitled *Turtles and Tipi's: Women's Teachings*.

SIE created an Aboriginal Education and ACCESS Model Program blog (http://blogs.rrc.ca/aboriginal/) that provides program information and divisional news.

SIE along with Recognition of Prior Learning (RPL) Office has worked to review and develop RPL guides for a course(s) such as the Community Development course.

Introduction to Trades students at the Notre Dame Campus built three ice-fishing sheds that were raffled off to the staff, students and faculty at the College.

April Krahn met with Provincial Cabinet Minister of Children & Youth Opportunities, Honourable Kevin Chief to discuss the RRC HAWK Aboriginal Youth Camp and other initiatives to support the next seven generations in education.

Three Adult Learning Centre instructors developed and implemented Level Placement Tests. The achievement of all students assessed was tracked and it was evident that placement at the correct level increased student success. As a result of the level placement tests, 32 students advanced to higher-level courses than their high school transcript indicated appropriate.

During the 2012/2013 academic year, ALC teachers implemented the use of Recognition of Prior Learning (RPL) with the ALC students. Ten students successfully completed courses using RPL.



Tracy Brant coordinated a five-week beading club for all Red River College students, staff, community members and alumni to support Christi Belcourt's *Walking with Our Sisters Initiative*. Fifty-one participants attended from across Winnipeg and 16 vamps were submitted for the exhibit.

Jaime Richard, Aboriginal Liaison Advisor, and Rhonda Klippenstein, Aboriginal Student Support Representative, organized and hosted a community event in Arviat, Nunavut. The purpose was to reconnect with past graduates, honor the role models and remind the community and funders RRC is the post-secondary school of choice for their future education goals. There were approximately 350 people in attendance.

Tracy Brant, Rhonda Klippenstein and Lisa Carriere represented Red River College in the 6th Annual Kookum Kaa Na Da Maa Waad Abinoojiiak Council "Grandmothers Protecting our Children Medicine Walk."

Cheyenne Chartrand attended the Assembly of Manitoba Chief's Shadow event to the National Aboriginal Women's Summit 2012 (NAWS) and the National Aboriginal Women's Summit 2012 at Thunderbird House.

Aboriginal Student Support & Community Relations (ASSCR) staff volunteered at Siloam Mission for the Mission's Christmas breakfast.

ASSCR hosted a winter feast at EDC and a pancake breakfast with Santa for 420 students and their families.

Aboriginal Liaison/Advisor, Monica Morin, represented SIE in an Indigenous Exhibit Focus Group for the Canadian Museum for Human Rights.

Cheyenne Chartrand organized an opening and blessing of the new Aboriginal Support Centre at the Exchange District Campus with a pipe ceremony and Quilliq lighting ceremony. Elders Mae Louise Campbell, Levinia Brown and Jules Lavallee hosted the event.

SIE entered into a partnership with Building Urban Industry for Local Development (BUILD). This partnership provided an opportunity for two Aboriginal Work Ethics workshops to be delivered in March.

An Introduction to Trades program was offered at the Winnipeg River Learning Centre and included 20 First Nation students from the surrounding First Nations. An Introduction to Trades program was also offered in partnership with Parkwest School Division and Waywaysecappo First Nation for 18 First Nation students.

ASSCR held a pipe and blessing ceremony in addition to a feast for the newly renovated Aboriginal Support Centre.

Betty-Ann McIvor, Chair and Bob Fisher, Academic Coordinator, established a partnership with Selkirk & District Learning Center to deliver a five-month Introduction to Trades program in Selkirk. In addition to this partnership, an agreement with the Peguis First Nation was established to supply and deliver building materials to construct a house as part of the students' hands-on-training.

Staff Notable Achievements

Anita Keith, Instructor, received a Safety Champion Award from RRC.

April Krahn presented at the ACCC (Association of Canadian Community Colleges) Symposium in Saskatoon on two models: the provincial three-year cohort model through the HAWK Aboriginal youth (Hands on Activity Week for Kids) program and a National Model-Aboriginal Alumni Mentoring program.

April Krahn facilitated a presentation to 300 school board trustees at the Manitoba School Board Annual Conference on the following topics: What do employers look for in new hires: traits, skills, the good, the bad panel discussion and what do post-secondary institutions require for prepared students-gaps/challenges/recommendations.

Bob Fisher, Academic Coordinator, made a presentation to Manitoba Housing Gilbert Park Resident Advisory Committee regarding Introduction to Trades Training initiatives available through RRC and to promote partnerships.

Cheyenne Chartrand completed the week-long RPL Summer Institute Foundations Course.

Bob Fisher made a presentation to approximately 20 youth who are transitioning from the organization, Anishinaabe Child and Family Services, regarding the SIE programs available for them at the College.

Bob Fisher conducted a seminar regarding accommodating a multi-cultural workforce to 30 multi-cultural employees hosted by JEDS Construction.

Bob Fisher has been appointed to the Board for Manitoba School Improvement Program.

Darlene Kemash, ACCESS Counselor, is the President of the Board of the Eyaa-Keen Healing Centre Inc.

Pamela McLeod, Instructor, sits on the Planning Committee for the RRC Directions Conference, the University of Winnipeg's Board of Regents and RRC's College Council.

Tracy Brant completed the Management Development certificate program.

Cindy Benoit and Karen Favell received their Master's Degree in Education.

Paula Amaral, Lyall Krahn and Denise Maytwayashing-Gladu received their Certificate in Adult Education.

Betty-Ann McIvor, Chair, wrote an article for First Nations Voice regarding the Introduction to Trades community-based program delivered through the Winnipeg River Learning Centre in Pine Falls, Manitoba. Tracy Brant and Rhonda Klippenstein represent ASSCR on College Council.

April Krahn, Director, was appointed to the Ma Mawi Wi Chi Itata Centre Inc. Board of Directors.

April Krahn, Director was appointed to the Canadian Aboriginal Human Resource Management Association Board.

Lisa Carriere wrote an article for the *First Nations Voice* on the HAWK (Hand on Activity Week for Kids) Aboriginal youth summer camp.

Student Notable Achievements

Two ACCESS Civil Engineering Technology students, Amanda Spence and Patricia Staples, received Helen Betty Osborne Scholarships.

The 2012-13 Convocation Gold Medal Award winners were:

- Tiffany Cote-McKay Aboriginal Language Specialist
- Janessa Ruth Hiebert Community Development/ Economic Development
- Jo-Anne Kendra Quill Computer Applications for Business
- Brianne Sand Aboriginal Self-Government Administration



Summer Feast, June 2013

ACCESS Model Programs

The ACCESS Model Program is designed to provide admission to specific Red River College programs for individuals who would not otherwise have the opportunity to attend College because of social, economic or cultural factors; formal education; or geographical location (inaccessibility to post-secondary institutions).

The ACCESS Model Program offers entry into the following programs:

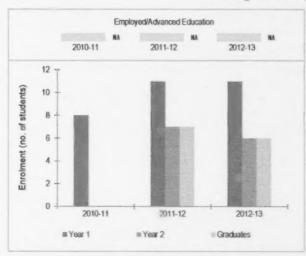
- ACCESS Aircraft Maintenance and Manufacturing
- · ACCESS Business Administration Integrated
- ACCESS Civil Engineering Technology
- ACCESS Nursing
- Other Students accepted into other regular Red River College day programs can apply for funding and/or other support services through the ACCESS Program office providing they meet the basic criteria.

ACCESS Supports

The ACCESS Model Program promotes student success by providing academic supports, personal support/counselling and financial support.

Aboriginal Education Programs

Aboriginal Language Specialist

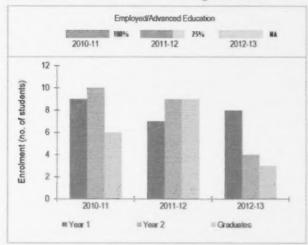


Two-year diploma program

The Aboriginal Language Specialist program is designed to train students in Aboriginal language instruction, Aboriginal language planning, and interpreting and translation.

This program trains fluent Algonquian speakers (Cree, Ojibwe, Oji-Cree and Michif) in translating and interpreting in a variety of settings. Students interested in or familiar with an Algonquian language can further their skills.

Aboriginal Self-Government Administration



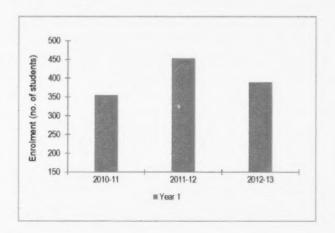
Two-year diploma program

This program provides training for Aboriginal students in the Aboriginal self-government process. Training is provided in all the fundamental aspects of the self-government process, including knowledge of political systems, traditional and existing models of self-government, and the skills associated with administration, finance, management and policy analysis.

Academic Development Programs

Adult Learning Centre certificate programs

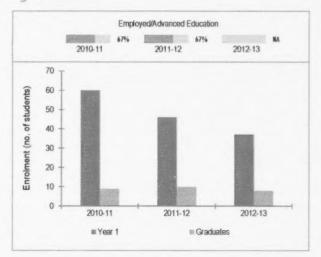
Academic Development Programs upgrade students' academic skills in mathematics, English, and physical science, and provide an introduction to computers. Students normally take only those courses necessary to qualify for admission to college programs.



Biindigen College Studies

One-year certificate program

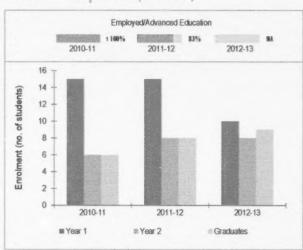
This program assists Aboriginal students to achieve the appropriate prerequisites and skills to transfer into other College programs of their choice. One of the mandates of this program is to support the incorporation of Aboriginal perspectives into the curriculum content. The College strives to nurture the academic, spiritual, physical and emotional needs of students to assist them in achieving balance during their academic training and in other areas of their lives outside of the College environment. Students take credits to be transferred into other College programs, however, in addition to the regular program offerings, Biindigen College Studies' courses are registered as dual credits so students can also graduate with a Mature High School Diploma.



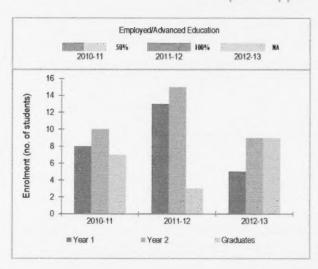
Community Development/Economic Development (CD/CED)

Two-year diploma program

This program offers opportunities for people to develop skills to work in community development in the inner city. Graduates will have the knowledge and skills to strengthen community-capacity building and focus on the strengths of individuals and communities.



Computer Applications for Business

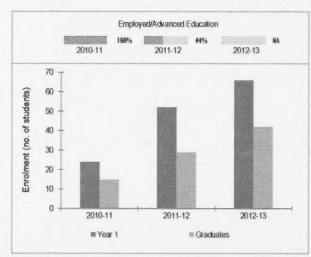


Two-year diploma program

The Computer Applications for Business program teaches students to use relevant Microsoft Office technology, prepare accurate business correspondence, communicate effectively and professionally in business environments while respecting cultural diversity, develop problem solving, decision making and management skills, and manage change while balancing professional and personal responsibilities.

Note: The name of this program was changed from Information and Office Administration to Computer Applications for Business in 2007-08.

Introduction to Trades



Five-month certificate program

This program is designed to introduce Aboriginal students to and prepare them for entry into existing RRC trades programs. The trades programs include Automotive Technician - Certificate, Carpentry and Woodworking, Electrical, Manufacturing Technician, Outdoor Power Equipment Technician, Piping Trades, Precision Metal Manufacturing, and Welding.



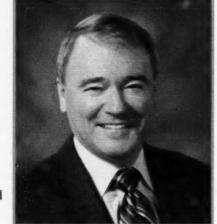
Aboriginal youth aged 11 to 13 get their first taste of trades and technology programming, while participating in Red River College's Hands-On Activity Week for Kids (H.A.W.K.).

School of Transportation, Aviation & Manufacturing

Dean Don MacDonald Notre Dame Campus, Room B100

Phone: 204-632-3990, Email: dmacdonald@rrc.ca

This School comprises three departments: Mechanical, Manufacturing and Communications; Transportation and Heavy Apprenticeship Trades; and the RRC Stevenson Campus Aviation and Aerospace. The School provides trades and technology education and occupational training to support the Manitoba economy. The training is offered through apprenticeship, certificate, diploma and advanced diploma programs and customized training for industry. The related communications, welding and supervisory management courses for all trades are also delivered by this School. The School is active in applied research working with industry.



School Highlights

New apprenticeship programs for railway trades were developed and delivered during the 2012/2013 academic year.

The automotive department worked with international students from China and India, teaching basic automotive skills.

The College received an NSERC grant for a Technology Access Centre for Aerospace and Manufacturing. This is a five-year, renewable grant that facilitates our ability to assist industry (especially SMEs), faculty and students with applied research, technical services and knowledge transfer. This grant allows for the hiring of key staff to increase our impact in developing Highly Qualified Personnel (HQP). This builds on our work in recent years to develop leading edge facilities and equipment, such as our two industrial campuses: The Centre for Aviation Technology and Training (CATT) and the Centre for Non-Destructive Inspection (CNDI).

A robotics training lab was established and certified as the only Yaskawa Motoman training lab west of Toronto.

A General Electric CF-34 gas turbine engine that is widely used in many commercial jetliners was donated to the College through a partnership with Standard Aero.

The department's machine shop was upgraded with new CNC equipment. Nine CNC hybrid machines and three new manual mills were obtained.

Briggs and Stratton donated 12 new 11 hp engines for our Outdoor Power Equipment program.

The College entered into a partnership agreement with Sandvik Industries. This agreement will assist the department to ensure students have access to the best quality tools.

The School, along with Skills Manitoba and the Canadian Manufacturers and Exporters, hosted a Youth in Manufacturing Conference. Youth in Grade 9 and 10 were hosted for a day at the College. The conference also included various industry visits as well.

Red River College partnered with the Canadian Manufacturers and Exporters, the University of Manitoba and Winnipeg Technical College for the Discovery Hovercraft competition. Students manufactured a remotely controlled hovercraft, drove it though a racetrack and created a business case and also presented a rationale on their design choice. The program was developed to provide awareness of the many careers in manufacturing.

The Mechanical Engineering Technology program received renewal of their accreditation with Canadian Technology Accreditation Board (CTAB).

The Basics of Manufacturing course has now been approved as a credit course within the U of M Engineering programs. The course was included in the accreditation package for engineering and reviewed and approved by the Canadian Engineering Accreditation Board (CEAB).

RRC made a joint presentation at the Canadian Council for Aviation & Aerospace (CCAA) forum in Ottawa. The theme for the forum was *Partners in Skills Development*, and was attended by leaders in aerospace, education and government from across Canada.

Instructor Leon Fainstein is leading a project to design and manufacture an electric motorcycle (the Ebike). Students and faculty are contributing to the project. The Ebike prototype has been manufactured and safetied. The Ebike is now street legal and will be visible around the campus throughout the coming year.

Staff Notable Achievements

Staff from the Transportation department worked for over a year to build a Kit car. Tickets were sold, with the prize being the car. Proceeds went to Skills Manitoba in support of student events. Skills Manitoba presented an award to each of the 24 staff that worked on the car.

Three Power Engineering instructors travelled to Shenyang Institute of Engineering, in China, to deliver Power Engineering Technology courses.

Tracey Dyer co-presented with John Leroux (StandardAero) at two conferences. The first conference was for the Aviation and Aerospace National sector council conference. The theme was *Partners in Skills Development*. They also presented at a large international MRO (Maintenance Repair and Overhaul) conference. This was a well-attended conference with industry, educators and government representatives from many countries.

Instructor Mahi Fahimian presented a paper at the 19th International Conference on Composite Materials.

Instructor Dr. Peter Denton launched his fourth book, Gift Ecology: Re-imagining a Sustainable World.

Student Notable Achievements

Dylan Pereira represented Canada in the Aircraft Maintenance Engineer (AME) WorldSkills competition in Leipsic, Germany. He received a medallion for excellence. His instructor and trainer Dennis Turney attended with him.

Collin McDougall, from our Manufacturing Technician Program, won Gold in CNC Machining at the Skills Canada National competition in Vancouver.

International students and graduates from India, in our Aircraft Maintenance Engineer program, received very positive comments in the press and from industry. Students, graduates, instructors and industry were interviewed as a component of a story related to the President's trip to India.

The 2012-13 Convocation Gold Medal Award winners were:

- Benjamin Arganda Cabigting Automotive Technician
- Neil Stanley Dobson Mechanical Engineering Technology
- Raunak Shashidhara Salian Aircraft Maintenance Engineer
- David John Stuart-Edwards Power Engineering Technology

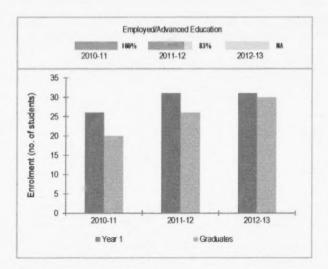


Aerospace training programs at RRC benefit from donated GE CF-34 turbine aircraft engine. (Peter Bjornson, Provincial Minister of Entrepreneurship, Training & Trade; Stephanie Forsyth, President of RRC; and Kim Olson, Senior Vice-President, Helicopters, Energy & Engineering for StandardAero.)

Aerospace Manufacturing

Five-month certificate program

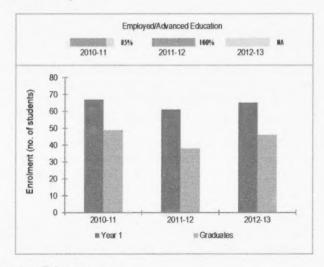
This program was developed through a collaborative effort between Boeing Canada, Bristol Aerospace, and Red River College. Students acquire the skills and techniques required in positions as skilled production workers in the area of aerospace composite manufacturing.



Aircraft Maintenance Engineer

Fourteen-month diploma program

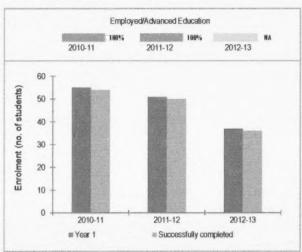
The purpose of this program is to develop knowledge and skills in maintenance of both large and small aircraft, including fixed wing and helicopters, and to provide Transport Canada approved training toward an Aircraft Maintenance Engineer License. Potential employment opportunities across Canada include passenger and cargo air carriers, air charter companies, flight schools, and nationally approved Aircraft Maintenance Organizations (AMOs).



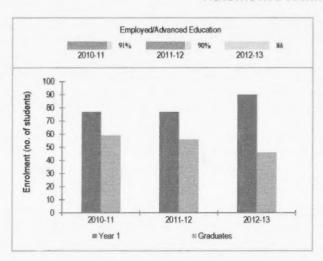
Automotive Service Education

64 week program

This program prepares potential automotive technicians for a career in the automotive field. Students spend 32 weeks in the College and 32 weeks with a sponsoring General Motors of Canada dealership. Upon successful completion of both the in-college and dealership training, and a two-year period of employment in a GM dealership, the graduate is entitled to write the Inter-provincial Standards Examination to qualify as a journeyperson.



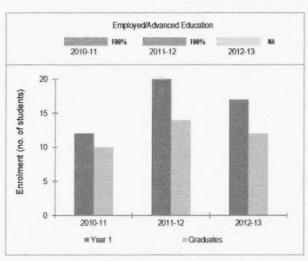
Automotive Technician - Certificate



One-year certificate program

Students learn to disassemble, inspect, machine calibrate and reassemble motor vehicle units or components. Graduates find employment in service stations, dealerships, large corporations, farming communities and allied industries where they may work in service, repair, sales, or parts distribution.

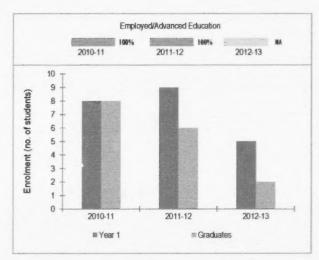
Automotive Technician - Diploma



One-year diploma program

Students obtain the knowledge and skills needed to work in the motor vehicle electronic technician field. Graduates find employment in almost any vehicle repair shop. Entering students must have completed a 10-month Automotive Technician (certificate) program or have graduated with a Power Mechanics diploma from high school.

Collision Refinishing



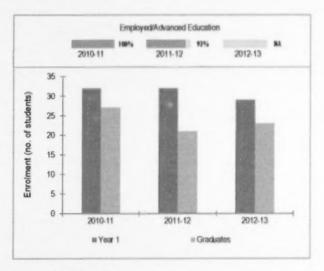
Four-month certificate program

This new program addresses industry concerns about the large shortage of skilled technicians needed to work in either Collision repair facilities or Commercial industries. This program is designed to develop the necessary trade skills and knowledge required to refinish damaged vehicles, refinish fleet vehicles and participate in other commercial applications.

Collision Repair and Refinishing

One-year certificate program

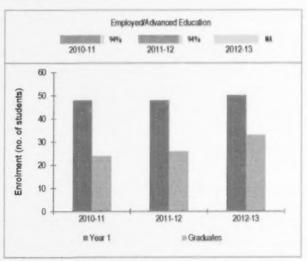
Graduates of this program possess the skills and knowledge required to repair damaged vehicles, including all phases of auto-body repair and painting. They have found employment as auto-body mechanics, metal finishers, painters, body-frame specialists, service or parts managers, machine operators, or service-station operators. Others are employed as claims adjusters, collision estimators or shop supervisors.



Heavy Duty Equipment Mechanic

One-year certificate program

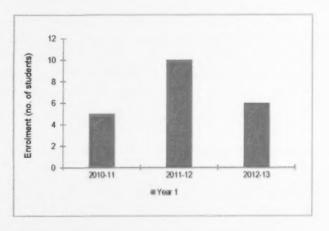
In this entry-level program students develop basic knowledge and skills required to perform routine maintenance and repairs to vehicle systems and components. Students develop an understanding of the basic purpose, construction, operation and servicing of components, parts and assemblies of trade-related equipment. Graduates find employment in the agricultural, construction or transportation sectors.



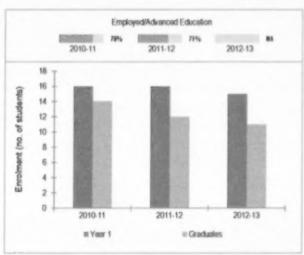
Introduction to Aircraft Maintenance Engineer

Four-month certificate program

In this program you will acquire the basic knowledge and skills in aircraft maintenance required for entry-level employment in the aircraft maintenance engineer industry. In-school instruction provides you with the entry-level skills necessary to service and maintain fixed and rotary-wing aircraft.



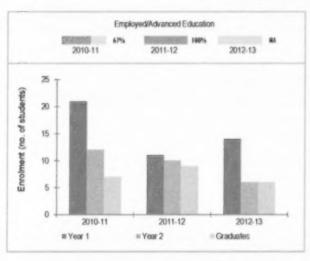
Manufacturing CAD



One-year certificate program

The program provides students with the skills necessary to produce computer-aided mechanical drawings of components and assemblies of industrial machines, machinery parts, and other mechanical equipment. Graduates are trained in the principles and applications of manufacturing design and production for careers engineering firms, consulting firms, manufacturing companies, utility companies, and aerospace and other industries that require mechanical/industrial technical skills covered with the scope of the Manufacturing CAD program.

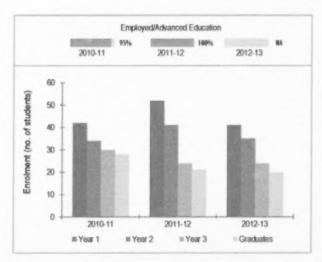
Manufacturing Technician



Two-year diploma program

This program provides students with an enhanced understanding of manufacturing processes and the relationship of these processes to the machining trade. Graduates possess skills in: cost estimation and process planning, computer operation, CAD/CAM basic tool and fixture design, as well as CNC machine operation and programming. Graduates find employment as CNC operators, machinists, toolmakers, quality assurance inspectors, manufacturing planners, prototype developers, technical sales persons and supervisors. Note: Students who successfully complete Term 1 can graduate with a certificate in Machine Shop Practice - Basic. After Year 1 (Terms 1 and 2) students can earn a certificate in Computer Numerical Control (CNC) Machine Operator, or in Machine Shop Practice - Advanced.

Mechanical Engineering Technology



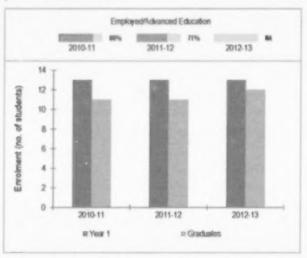
28-month co-op education diploma program

Students develop knowledge and skills in mechanical design, the production side of manufacturing and technical supervision. Graduates find employment in design, technical sales, manufacturing, instruction, research and management with companies involved in agriculture, mining, aerospace, air conditioning, refrigeration, transportation, foundries, fluid power, consulting engineering and government services.

Outdoor Power Equipment Technician

One-year certificate program

Students develop the skills and knowledge required for entry-level employment in the power equipment repair field. Graduates find employment with firms engaged in the sales or service of power equipment. Such firms may include agricultural equipment dealers, private power equipment sales and repair shops, rural agribusiness and various federal, provincial and municipal government departments.

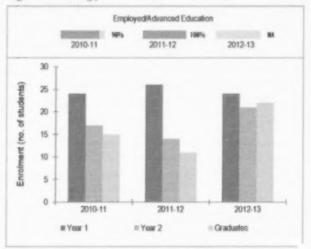


Power Engineering Technology

Two-year diploma program

This program develops knowledge and skills required for the safe operation of major equipment in commercial, industrial, and public buildings. It includes enhanced power engineering technical studies, particularly the power laboratory studies and field experiences, which is in alignment with the Manitoba and Inter-Provincial experience requirements for Power Engineers. Graduates achieve their Standardized (Inter-Provincial) 4th and 3rd Class Certificates. This program provides graduates with a start toward a 2nd Class Certificate, and prepares graduates for studies required for higher levels of Power Engineering.

Note: This program also has a certificate exit point at the end of the first year. Certificate graduates can obtain Class 4 certification.

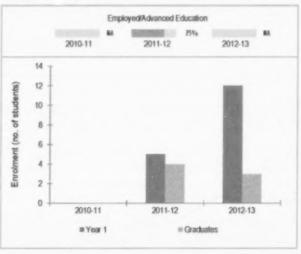


Precision Metal Machining

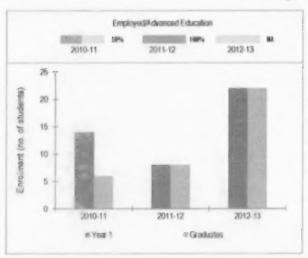
One-year certificate program

Precision Metal Machining is a pre-employment program designed for students wishing to pursue an apprenticeship career path as a machinist or enter the workforce as a CNC operator.

Graduates become competent in the following: applying safe and correct practices when handling tools and equipment: setting up and safely operating manual milling machines, lathes, and Computer Numerical Control (CNC) machining and turning centers; interpreting engineering drawings; applying geometric dimensioning to verify component parts; and using basic Computer Aided Design (CAD) software.



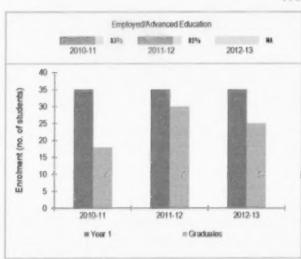
Technology Management



One-year advanced diploma program

This program is specifically targeted to graduates with technical diplomas and degrees. It provides an opportunity to complement graduates' technical skills with equally important managerial skills in areas such as corporate finance and accounting, project management, marketing strategy, and human resource management. The program provides technologists and others with the knowledge, skills, and abilities required for their roles as supervisors and managers in technical organizations, obtains recognition for the Technology Management program from professional organizations, and creates opportunities for technologists and others to earn advanced credentials in Technology Management.

Welding



Seven-month certificate program

Students learn to perform the oxy-acetylene, arc, tungsten inert gas and metal inert gas welding processes and related operations safely and effectively. Some graduates have found employment in aircraft maintenance, in the manufacturing of farm equipment and in heavy equipment repairs. Other graduates are employed in highway construction, northern mines and hydro-electric power plants.



Centre for Teaching Excellence, Innovation & Research

Dean Kathryn McNaughton, PhD Notre Dame Campus, Room CM30A

Phone: 204-632-2232, Email: kamcnaughton@rrc.ca

This Centre, formerly the School of Learning Innovation, provides both educational programs and comprehensive teaching and learning support services. In addition to having the provincial mandate to prepare public school teachers in the areas of Industrial/Vocational and Business Education and to prepare College instructors through the Certificate in Adult Education (CAE), the Centre provides supports such as content expertise and research capacity through Library Services, faculty development through the CAE program and an annual series of workshops; curriculum

design leadership and facilitation through the Program and Curriculum Development department; and, content production and program delivery systems through the Learning Technologies areas. The Centre also manages the Program Innovation Fund which is used to support the continual enhancement of academic programs by funding innovative projects which are not covered by operating budgets. This report covers the achievements of the Teacher Education department, the only area within the Centre that provides academic programming.

School Highlights

The summer institute for the Certificate in Adult Education and part-time Technical Vocational program was well-received. This year, 26 course sections were offered beginning in June. This included five additional course sections that were offered to accommodate the increased demand for courses. Three online courses were offered, a

five-day intensive on-site experience was offered at UCN, and a three-weekend delivery format course was offered in Winkler. Over 450 participants took part in summer courses. This year six sections were offered on-line, two more than last year.

Daryl McRae and Bernie Taronno provided an orientation for first-year students who were accepted into the five-year and after-degree programs at the University of Winnipeg along with University of Winnipeg program advisors, Kirk Dowson and Prayeen Alahakoon.

Eva Brown and Monique Pishak coordinated the Google Workshop at the Notre Dame Campus. This involved one day with educational partners from the public school system across Manitoba, with an additional day for 25 RRC faculty and staff. Michael Wacker, a Google certified teacher and certified Google apps trainer, delivered the workshop.



Future Teachers take part in a global conference in Japan (Front Row: Jennifer Kasprick, Janis Ollson, Maddie Tokar-Wolff Back Row: Eva Brown (instructor), Anita Lesage, Sarah Brown, Sheldon Hamp)

The Master of Education cohort, with the University of Manitoba, completed their fifth of ten courses in December 2012. The cohort has now reached the halfway point in their course work.

Daryl McRae and Eva Brown met with John Evans from Manitoba Education. They discussed professional learning networks for educators and MAPLE: Manitoba Professional Learning Environment. MAPLE is an online educational community sponsored by Manitoba Education to provide access to resources, professional learning services and opportunities for collaboration and interaction. Membership is offered only to Manitoba educators.

Eva Brown delivered a Faculty Development Workshop @RRC on Wikis in the Classroom.

Cynthia Zelenewich attended the Skills Canada Competition at RRC on Thursday, April 11th, 2013. Cynthia and her Business Technology students were judges for the Software Solutions for Business competition.

The Teacher Education blog, which is updated regularly, featured many students in successful endeavors. These include placing first in a U of M Engineering Challenge, presenting Information and Communication Technology (ICT) at the Riding the Wave Conference and a presentation at the spring meeting of the Manitoba Association of Computing Educators (MANACE) event.

Staff Notable Achievements

Eva Brown presented at the Flat Classroom Conference 2013 in Japan, a gathering of technology educators from across the globe.

Kurt Proctor is a member of the Career Trek board of directors. Cynthia Zelenewich contributes as an executive member of the Educators of Business Information Technology (EBIT). Daryl McRae represented Teacher Education at a Manitoba Education meeting to discuss program renewal of the Business/Technology curriculum cluster for public schools. Gord Price represents RRC on the Urban Industrial Arts/Technology Education Council of Winnipeg. Eva Brown is a member of the Manitoba Association of Educational Technology Leaders. Doug Cameron represents the department at the Vocational Teachers' Association of Manitoba (VTAM).

Ron Budowski successfully completed a Master of Science in Education from Bemidji State University.

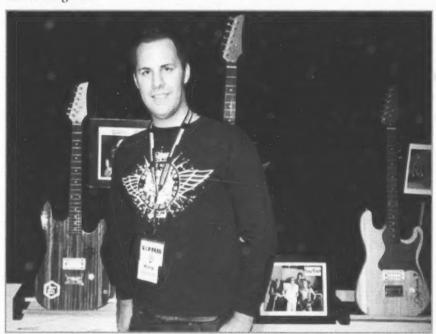
Doug Cameron, Gord Price and Eva Brown were actively involved, along with their students, in presenting and assisting with conferences sponsored by the Technology Educators' Association of Manitoba (TEAM), Vocational Teachers' Association of Manitoba (VTAM) and the Educators of Business & Information Technology (EBIT). Kurt Proctor arranged for the use of the RRC Mobile Training Lab (MTL) for use at the Vocational Teachers' Association of Manitoba (VTAM) and Technology Educators Association of Manitoba (TEAM) Special Area Group Conference (SAGE). RRC Plumbing and Pipefitting staff and students were involved in demonstrating the use of the MTL during the conference.

Daryl McRae attended EBIT SAGE workshops on Media Literacy as well as the ICT Sharing Circle to discuss programs and implementation of ICT curricula in Manitoba schools.

Student Notable Achievements

Eva Brown and her ICT Methods class presented online at the 2012 Global Education Conference. The topic of the presentation was *Preparing to Hit the Ground Running*. The 2012-13 Convocation Gold Medal Award recipient was:

• Steven M. Potter Technical Vocational Teacher Education

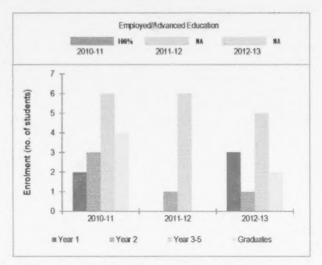


Kris Hancock, a Teacher Education graduate, helped students raise \$100,000 for charity

Business/Technology Teacher Education

Five-year Bachelor of Education degree delivered jointly by RRC and the University of Winnipeg

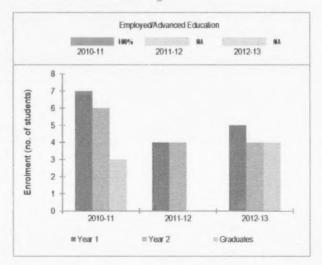
The Business Teacher Education program develops knowledge and skills in general business, accounting, marketing and secretarial; including technical skills in computer applications, word processing and computer accounting; and teaching methodology in business. Successful completion of the five-year program results in a Bachelor of Arts degree and a Bachelor of Education degree from the University of Winnipeg, as well as a diploma in Business Teacher Education from RRC. Graduates are eligible for a Permanent Professional Teaching Certificate from Manitoba Education and Training which allows them to teach in secondary schools in Manitoba.



Business/Technology Teacher Education - After Degree

Two-to-three year Bachelor of Education degree delivered jointly by RRC and the University of Winnipeg

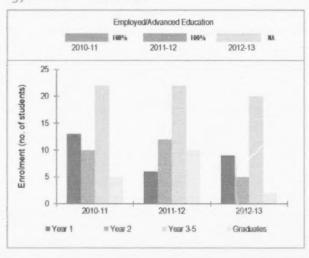
The After Degree Teacher Education program is a two-to-three year joint Bachelor of Education degree with the University of Winnipeg for holders of an undergraduate degree. Emphasis in the RRC portion of the program is directed at developing the technical knowledge and skills in business, combined with teaching methodology, required for the teaching major in business education. Graduates are eligible for a Professional Teaching Certificate from Manitoba Education and Training, which allows them to teach in secondary schools in Manitoba.



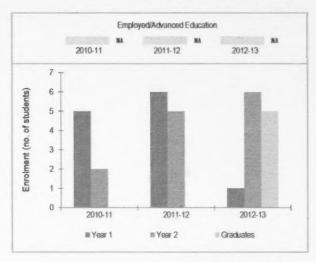
Industrial Arts/Technology Teacher Education

Five-year Bachelor of Education degree delivered jointly by RRC and the University of Winnipeg

This program develops knowledge and skills in manufacturing, power and energy, graphic communications and construction; including computer applications, and teaching methodology in industrial arts and technology education. Successful completion of the five-year program results in a Bachelor of Arts degree and a Bachelor of Education degree from the University of Winnipeg, and a diploma in Industrial Arts Teacher Education from RRC. Graduates are eligible for a Permanent Professional Teaching Certificate from Manitoba Teacher Education and Training which allows them to teach in secondary schools in Manitoba.



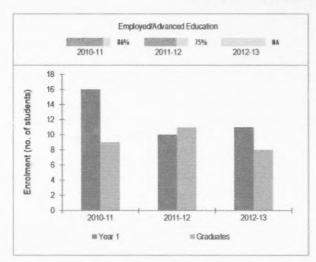
Industrial Arts/Technology Teacher Education - After Degree



Two-to-three year Bachelor of Education degree delivered jointly by RRC and the University of Winnipeg

The After Degree Teacher Education program is a two-to-three year joint Bachelor of Education degree program with the University of Winnipeg for holders of an undergraduate degree. Emphasis in the RRC portion of the program is directed at developing the technical knowledge and skills in industrial arts/ technology, combined with teaching methodology, required for the teaching major in industrial arts/ technology education. Graduates are eligible for a Professional Teaching Certificate from Manitoba Education and Training, which allows them to teach in secondary schools in Manitoba.

Technical Vocational Teacher Education



One-year accelerated diploma program

This program provides the knowledge and skills required for certification by Manitoba Education and Training. Graduates are eligible for a Permanent Special Vocational Industrial Teaching Certificate from Manitoba Education and Training which allows them to teach in their vocational area in secondary schools in Manitoba. The program makes up the first three years of the five-year Joint RRC/ University of Winnipeg Bachelor of Education Degree with a major in vocational education. Graduates find employment in teaching positions in high schools offering vocational industrial programs and in community colleges.

Google Workshop participants at the Notre Dame Campus



School of Continuing Education

Dean RaeAnn Thibeault Notre Dame Campus, Room C118

Phone: 204-632-2481, Email: rthibeault@rrc.ca

The School of Continuing Education (CE) facilitates learner success by developing and delivering quality, innovative lifelong learning opportunities.

The School of Continuing Education is part of the Community Development Division. All courses and programs are offered on a cost recovery basis. One integral element to our success is our responsiveness to labor market needs. Our delivery of programs in a variety of ways helps make education more accessible and convenient for all learners. We welcome inquiries from industry and are pleased to develop solutions – full-time, part-time, distance education and customized corporate training – to meet industry needs.



School Highlights

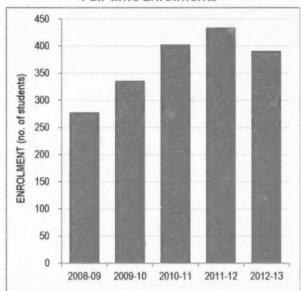
Continuing Education received approval to offer "Pearson Vue" certification tests. Pearson testing will allow CE students to receive industry certification that is required in many fields. Most notably, students will receive training in Cisco (CCNA), IEEE, Adobe, CompTia, Oracle, Microsoft and SAP.

Red River College also received approval to become a Prometric Testing Centre. Prometric will allow the College to offer a range of industry certification exams. The College will be using this design to deliver PMI's Professional Project Manager (PMP) certification and Microsoft's Technology Specialist exams.

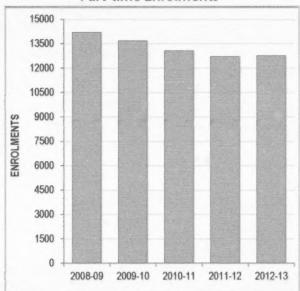
The Railway Conductor program moved to their new training facility located at 9-1500 Regent Avenue West. This new facility will allow improved access to the field placement site.

Continuing Education hosted our first event as a sponsor and partner of the Professional Photographers of Canada (PPOC). The event featured a number of prominent Winnipeg photographers and was free for our Photography students.

Continuing Education Full-time Enrolments



Continuing Education Part-time Enrolments



Continuing Education participated in the following promotional and recruiting events: Advocis Conference exhibition, Civil Service Organization & Staff Development Symposium, RRC Open House, PGI Opening, Recreation Connections Conference, Winnipeg Rotary Career Symposium, Project Management Conference, International Association of Administrative Professionals (IAAP), Manitoba Association for Volunteer Administrators (MAVA) and the Canadian Administrators of Volunteer Resources (CAVR) Conference.

CE also participated in the Winnipeg Regional Health Authority (WRHA) celebration of achievement in October, 2012 at The Roblin Centre. The celebration honored 30 employees of the WRHA who successfully completed the Health Services Leadership/Management program at the College.

The Funeral Director and Embalmer certificate program started in November, 2012.

The Health Services Leadership and Management program was offered to 20 students in Nunavut, through distance delivery. Students began their first course in February, 2013. In order to familiarize the students with the program and the delivery format, a two-day orientation was provided to students with the opportunity to meet some of the RRC staff members and to learn more about the College, the online technology and the program.

SAC approved the new Therapeutic Recreation Facilitator for Older Adults program in June 2013. This new program has a stronger focus on assessment, documentation and planning for therapeutic and leisure recreation activities as well as increased skills in working with Manitoba's diverse population.

A new steering committee has been formed for the Sports Management and Administrative program. A DACUM was completed in March, 2013. Curriculum framework is currently under development.

Staff and faculty in CE also spent part of the 2012/2013 academic year reviewing, adding and updating courses that are currently being delivered. The Legal Administrative Assistant program renewal was implemented. Three courses in the Administrative Assistant Program were developed for Recognition of Prior Learning (RPL). As well Human Behaviour in Organizations, Labour Relations, Business Stats, Financial Accounting 1, AGILE Business Analysis, Visual Basic.NET3, Employment Equity, Programming (Java Project) and Network Infrastructure courses were revised or newly developed.

Corporate Solutions, in partnership with the School of Hospitality and Culinary Arts, delivered a workshop at the Paterson Global Foods Institute for 16 Aboriginal youth between the ages of 15 to 16. The focus of the workshop was healthy food options. The evening began with a tour of PGI and a brief overview of the programs offered in Culinary Arts and Hospitality.

Corporate Solutions also facilitated contracts with the following partners: WGI Westman Group, Manitoba Housing, Bristol Aerospace, Winnipeg Boys and Girls Club, Canadian Manufacturers and Exporters, Manitoba Shingling Contractors Association, Manitoba Hydro, City of Kenora, Workplace Education Manitoba, Cormer Group Industries, Magellan Aerospace, Perimeter Air, Federation of Saskatchewan Indian Nations (FSIN), Diagnostic Services Manitoba, Via Rail Canada, Manitoba Public Insurance, Urban Circle Training Centre Inc. and Credenda Virtual High School.



Staff Notable Achievements

Instructor, Mintie Grienke, Applied Counseling, was a guest of honor at the Metis Child and Family Services (MCFS) Aging Out ceremony for youth turning 18. Four Applied Counseling graduates are employed at MCFS. Jamie Morfoot, graduate, emceed the evening event

Instructor, Ann Pedersen, facilitated the delivery of the RPL Foundations Institute in Yellowknife for the Territorial Government in the Northwest Territories.

Instructors, Sandie Foster and Michelle Alarie, were honored with the Continuing Education Teaching Excellence Award at the Annual Instructor Appreciation event.

Student Notable Achievements

The Project Management Institute student award was presented to Arlene Ebora at the PMI conference in April, 2013.

Corporate Solutions held a celebration of achievement for the students completing the Youth Recreation Activity Worker program in June, 2013 at The Roblin campus.

Legal Administrative Assistant students, Tara McDonald and Nathalie St. Jacques, were the winners of the 2013 Pitblado \$500.00 awards.

Lisa Hesse and Derrick Grant, students in the Occupational Health and Safety program, received the NAOSH awards.

Three graduates of the Red River College RPL Practitioner certificate program were featured in the June issue of *The Hub*, the newsletter of the Canadian Association for Prior Learning Assessment. Donna Riddell, Lauren Waples and Mavis Lewis Webber were each interviewed about their experience in the program and how they will use this learning in their work.

Louise Edwards and Andrea Mudge took first place and third place in the Winnipeg Free Press and Winnipeg Collective writing contest.

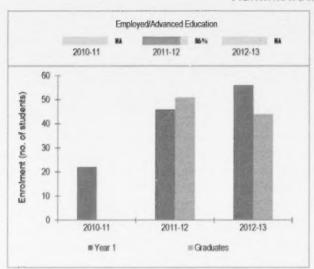


Arlene Ebora, Continuing Education graduate (Project Management) received an award from PMI Manitoba and Red River College



Power Engineering

Administrative Assistant

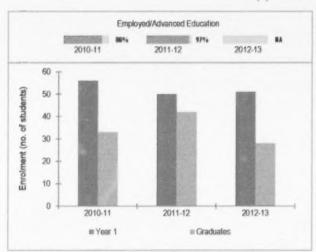


CE full-time certificate program

This program focuses on the administrative and technical skills needed to meet the demands of the current and emerging office environment. The program provides both the theory and practice needed to succeed in an entry-level administrative position.

After successful completion of the program students will be knowledgeable in business office software, administrative procedures, communication, teamwork, and problem-solving.

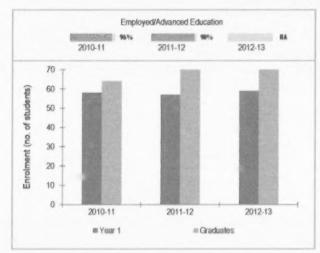
Applied Counselling



CE full-time certificate program

Students develop proficiency in basic counselling skills for use in working with children, adolescents, and families. Skills in cross-cultural counselling will be developed, and legal/ethical issues studied. Graduates will be qualified to provide entry level counselling in areas such as domestic violence, chemical dependency, substance abuse, and gender issues.

Educational Assistant



CE full-time certificate program

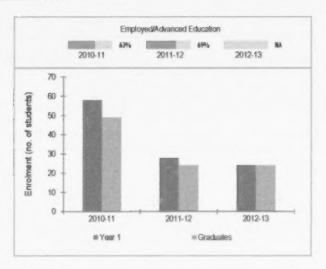
This program provides skills required for a career working with students in an educational setting to support the work of the teachers and clinicians.

Students will study and explore the developmental needs of children, as well as the instructional strategies to meet those needs. There is a focus on a variety of relevant topics ranging from inclusive education and learner characteristics to supporting the learning environment, managing behavior, and professionalism.

Health Unit Clerk

CE full-time certificate program

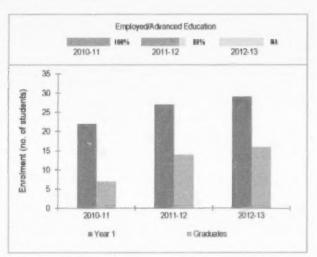
Students acquire the knowledge and skills required to function as part of the health care team and learn the roles and responsibilities of a Health Unit Clerk including maintaining patient and unit records, processing physician orders, diagnostic and laboratory orders and managing unit supplies.



Legal Administrative Assistant

CE full-time certificate program

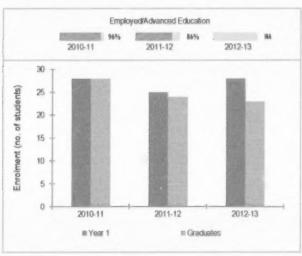
Students acquire the knowledge, skills and attitudes to perform effectively in a junior administration position in a legal environment and learn to professionally prepare legal documentation for real estate, wills and estates, civil litigation, domestic and family law, business and appeals.



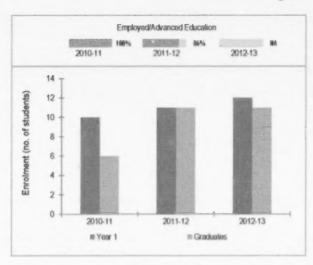
Occupational Health and Safety

CE full-time certificate program

This program is designed to provide a fundamental understanding of occupational health and safety. The program addresses the role and responsibilities of an Occupational Health and Safety practitioner including risk management, hazard recognition, control, and prevention and safety management systems in the workplace, incorporating a multi-disciplinary approach in contributing to the development of a health and safety culture.



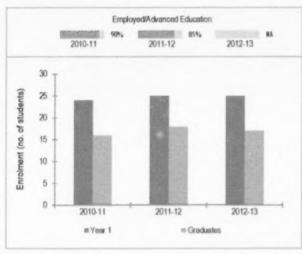
Power Engineering - 5th Class



CE full-time certificate program

Students in this program acquire the critical employability skills to function competently, professionally, and ethically as a fifth class power engineer. Graduates have found employment in industrial plants, school divisions, and other commercial industrial or public buildings.

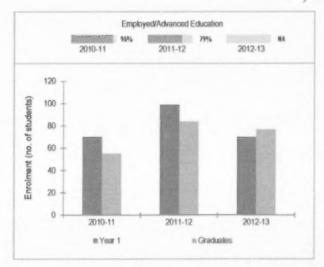
Professional Photography



CE full-time certificate program

Students gain the knowledge and skills required to develop technical and creative aspects of digital imaging manipulation, lighting, SLR operation, exposure, composition, printing, editing, retouching and processing, as well as foundational business skills.

Railway Conductor



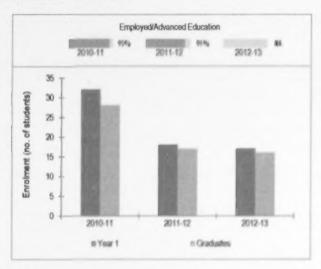
CE full-time certificate program

This program integrates knowledge in safety, business, communications and wellness with the management of trains, including switching and marshalling cars, transporting dangerous goods, performing inspections, copying authorities and keeping records—all within the context of the Canadian Rail Operating Rules and railways General Operating Instructions.

Recreational Facilitator for Older Adults

CE full-time certificate program

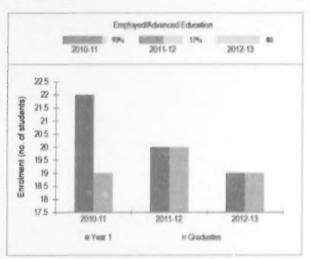
This program provides students with the knowledge, skills, attitude and field-based practical experience to work with older adults.



Residential Decorating

CE full-time certificate program

Students acquire the skills to successfully manage decorating projects to improve home spaces. They learn to apply design principles to enhance the function and quality of both interior and exterior living environments. Students gain the skills to analyze clients' decorating needs for development of furniture floor plans, product purchases and installation arrangements.





WRHA Health Services Leadership and Management program participants, October 2012

Department Highlights

The interlake Campus (formerly the Gimli Campus) relocated from Gimli to Selkirk in September 2012. This move realigns Selkirk as the center for the Interlake and North Eastman region and provides improved access and opportunity for students travelling from various locations in the Interlake region to attend full- and part-time studies. In addition to the Selkirk location, Interlake Campus continues to provide programming in alternating locations throughout the Interlake and North Eastman region.

The Interlake Campus delivered the Health Unit Clerk certificate program for the first time with seven graduates.

The Interlake Campus delivered a Carpentry Pre-Employment certificate program and an Electrical Pre-Employment certificate program in partnership with the Winnipeg River Learning Centre in Pine Falls. In addition, a three-year plan was developed to offer continuous programming in Pine Falls as part of a larger collaborative planning process.



Initiatives were developed at the Peguis-Fisher River Campus to facilitate increased student support and success, including literacy and math skills assessments, resulting in targeted assignments for each student.

A new preparatory program was delivered at the Peguis-Fisher River Campus to those students who would be enrolling in the Electrical Pre-Employment certificate program. The preparatory courses included Aboriginal History, Life Skills, remedial Electrical Math and Science and Essential Skills training.

Portage Campus delivered a Workforce Development and G.E.D. certificate program (contract training) in

Regional Campuses

partnership with Employment Manitoba. 15 students participated in the program.

Portage Campus students and staff held a Neighbourhood Community Clean-up event. The event was extremely successful and the staff at the campus were able to clean up 14 blocks in the City of Portage la Prairie.

Customized courses and workshops continued to be delivered by the Portage Campus for local organizations and communities, including MB Crown Lands & Property Agency, Allied Wings and Simplot.

Portage Campus partnered with the City of Portage la Prairie and the Portage la Prairie School Division to develop and conduct a Trades Labour Needs Assessment for the Central Plains region. Results of the survey will help identify trades-specific training needs.

The Portage Campus partnered with Long Plain First Nation and Southern Health/Santé Sud to create a Portage la Prairie chapter of the Interprovincial

Association on Native Employment (IANE). The inaugural meeting was held at the Portage Campus with approximately 30 attendees from IANE Manitoba, IANE Westman, the City of Portage la Prairie, Long Plain First Nation, Sandy Bay First Nation, Dakota Ojibway Tribal Council, and various local businesses and community organizations.

Portage, Steinbach and Winkler Campuses continued to respond to Manitoba Family Services' province-wide training needs by delivering the Foundations in Disability & Community Support and Supervision in Human Service Settings courses in Brandon, Portage la Prairic, Dauphin, Winkler and Steinbach.

Steinbach Campus delivered a Basic Employability Skill program for Employment Manitoba.

Steinbach Campus Administrative Assistant certificate program students organized a Job Fair as part of their Event Planning class. Community partners were invited to speak to students about the importance of education, portfolios and resumes.

Steinbach Campus partnered with Agape House in December 2012 to remember those lost to domestic violence and to honour those lost in the École Polytechnique tragedy in Montreal.

Steinbach and Winkler Campuses received support via the Program Innovation Fund (PIF) to upgrade and improve on the use of Elluminate Live to aid in collaborative course delivery. This increases program capacity and accessibility for classes while still remaining financially feasible.

Two Winkler Campus instructional staff received College Applied Research Development Fund (CARD) grants. These two projects include: (1) the development of a Virtual Manufacturing System to assist industry in designing new manufacturing processes in a virtual environment before implementation; and (2) the measuring of the density of amphibian eggs using a sucrose gradient. Discovery Channel has featured this instructor's projects in previous years.

Four Dental Assisting students and one instructor from the Winkler Campus participated in a medical mission to Guatemala in June 2013 in conjunction with the University of North Dakota.

Four Winkler employees participated in the Morden and Winkler Big Brothers and Big Sisters Bowl for Kids fundraiser.

Winkler Campus implemented an International English Language Testing System (IELTS) preparation course to assist local immigrants in obtaining proficiency in skills needed for IELTS testing for immigration purposes.

Winkler Campus partnered with the Winkler Chamber of Commerce and the City of Winkler to receive a Partners 4 Growth grant through Manitoba Agriculture, Food and Rural Initiatives to explore the need for trades training in local areas.

Winkler Campus agreed to participate in Winkler Flyers' Education Fund to support educational opportunities for the Major Junior Hockey League player educational support program.

Staff/Faculty Notable Achievements

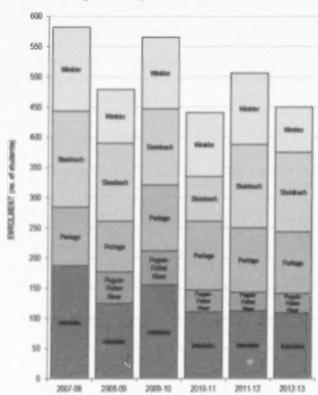
Winkler Campus' Regional Campus Manager, Keith Doerksen, was re-elected as the Post-Secondary Representative on the Advisory Committee for the Winkler Chamber of Commerce

Portage Campus' Regional Campus Manager, Lori Grenkow, was appointed as Vice-Chair of the Portage la Prairie Community Revitalization Corporation.

Student Notable Achievements

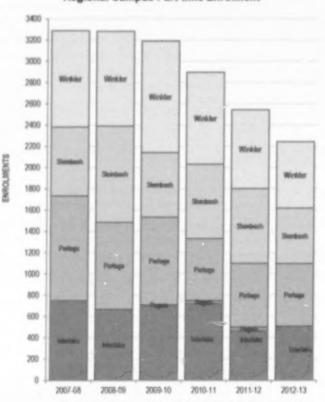
Two local businesses were created following projects conducted in the Business Administration Diploma (Year 2) Entrepreneurship course at the Winkler Campus. The businesses include a spray foam insulation business and a coffee shop in the Altona area.

Regional Campus Full-time Enrolment



Note: Enrolment counts include Contract enrolments which vary greatly

Regional Campus Part-time Enrolment



Note: Enrolment counts include Contract enrolments which vary greatly

Language Training Centre

Department Highlights

The Language Training Centre (LTC) offers full-time and summer English language programs to Permanent Residents, refugees and visa students. Full-time programs consist of 25 hours of instruction a week, with periodic excursions and regular time with online learning supports. Included in these programs are English for Specific Purposes programs, which allow students to gain occupationally-specific terminology and communication skills or to prepare for the academic rigor of university and college programs. Summer programs combine language learning with cultural experiences, and provide an introduction to College career programs.

More than 1,000 students enrolled in adult EAL programs over the 2012/2013 academic year at the Language Training Centre (LTC). Over 30 countries are represented with audents from China, Philippines, India, and African countries comprising the largest majorities. Programs for Permanent Residents and refugees are delivered under a funding contribution from Citizenship and Immigration Canada. Additionally, all programs are supported with career and personal advising by Employment Services, Diversity and Immigrant Student Support, Student Support Services, and Enrolment Services.

Programs and summer camps for visa students are offered in collaboration with International Education. Programs for visa students have been growing steadily in recent years, as they provide an important pathway to College programs, citizenship, and employment.

In 2012/2013, the LTC again worked closely with the Manitoba Office of the Fairness Commissioner to develop and deliver the Canadian Communication for Physicians Trained Abroad (CCPTA) program to prepare Permanent Residents to pursue their licensing and career goals.

A variety of partnership projects have been initiated with institutions in China and Brazil. A very successful two-week summer camp combined language learning with exposure to some of Winnipeg's finest sights and experiences. Teacher training and mentorship opportunities are also being developed.

A new online language learning software has been piloted, allowing for more independent and after-hours language learning. This software can be customized for a variety of occupational areas, and will find applications both for students studying at RRC and at partnering institutions overseas.

The LTC continues to provide observation and practicum placements for students in training programs for Teaching English as a Second Language from the



University of Manitoba, University of Winnipeg, Providence College and Briercrest College in Saskatchewan.

The Language Training Centre also offers academic assessments to students being placed either in LTC programs or preparing for College programs, and houses the national administrative centre for the Canadian English Language Benchmarks Assessment for Nurses (CELBAN).

The Canadian English Language Benchmarks
Assessment for Nurses (CELBAN), researched and
developed by RRC testing specialists for the Centre for
Canadian Language Benchmarks in 2000, has grown to
become one of only two English language proficiency
assessment tools accepted by nursing regulators across
Canada for internationally educated nurses seeking
licensure. As a result, assessment activity has grown
significantly across Canada. In 2012, there were 822
administrations of CELBAN across Canada, an increase
of 54% from the previous year. The Centre for English

Language Assessment Services, housed at the LTC, oversees the administration of CELBAN in eight sites in five provinces across Canada, including Manitoba, Saskatchewan, Alberta, British Columbia and Ontario.

A total of 565 applicants to RRC programs had academic English language assessments in 2012/2013, a slight decrease from 2011/2012. 47% of these are visa students.

Staff Notable Achievements

Jon Bailey, Instructor, is serving as the President of TEAM (Teachers of EAL to Adults in Manitoba).

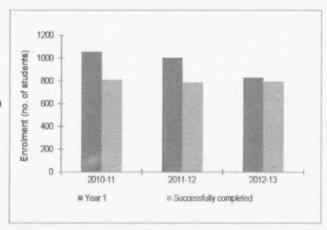
Rita Prokopetz, Instructor, completed the CMU Off-Campus & Online Educational Technology Master's Degree Program.

Vidhu Bhanot, Counsellor working at LTC, completed her Masters in Adult Education.

English as an Additional Language (EAL) Programs

Certificate programs

The Language Training Centre offers full-time language programs with 25 hours of instruction per week. The intensive courses are interactive and include periodic excursions and the use of computer labs. Many EAL students have found that the English for Specific Purposes programs at the Language Training Centre have opened up employment opportunities for them. Others have gone on to continue their studies in college or university programs. Perhaps the most widespread benefit for all EAL students has been their increased ability to communicate effectively in the community.





Apprenticeship

Apprenticeship Manitoba (AM) provides apprenticeship training and trades certification of more than 50 regulated trades under The Apprenticeship and Certification Act. AM registers and monitors apprenticeship agreements between apprentices and employers, and schedules technical training at designated training providers, including Red River College. The training follows standards for the trades developed and maintained by AM and approved by the Apprenticeship and Certification Board.

The skilled trades create the public and private infrastructure required to support a competitive knowledge-based economy. Strong economic growth over the last decade and an aging "baby boomer" demographic has created an unprecedented demand for new skilled tradespersons.

Working in partnership with Apprenticeship Manitoba, Manitoba's colleges continue to address skilled trades labour shortages by increasing capacity and introducing innovative new delivery strategies.

As the largest provider of technical training for apprentices in Manitoba, RRC delivers more than 70% of all technical apprenticeship training offered each year and is a designated trainer for programs in 32 trades.

Enrolment

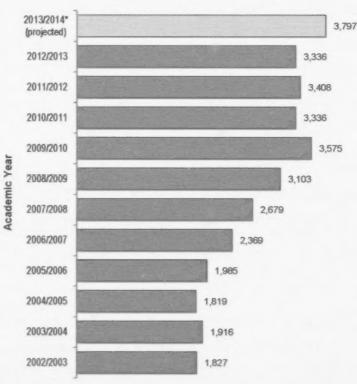
RRC trained 3,336 apprentices in 2012-13, down 2.1% from the previous year.

e-Apprenticeship

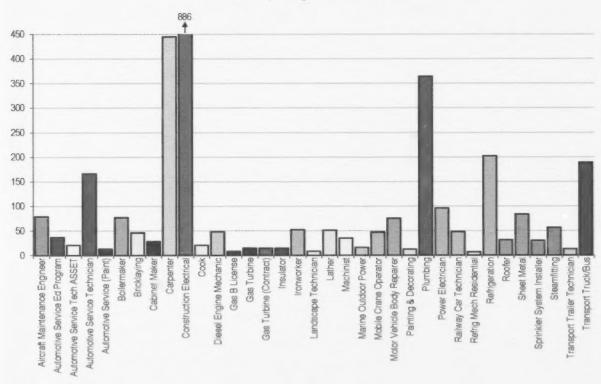
EADDI (E-Apprentice Delivery Development Initiative) is entering the final year of development for 18 apprenticeship levels and two related projects. Its goal is to offer online version of existing trades training as an alternative to current Winnipeg-based offerings. Two cohorts of Electrical apprentices are proceeding through the program. One long-term benefit of the new e-apprentice materials will be added supports for traditional classroom delivery and opportunities for remedial work by apprentices needing to re-qualify missed course requirements. The College is now considering a new phase of EADDI development to leverage further the opportunities of online learning for Manitoba apprentices.



Apprenticeship Enrolment



Enrolment by Program, 2012/2013



New Trades

Apprenticeship training is expected to continue to grow as Manitoba responds to the skilled trades labour market needs. Additionally, the Government of Manitoba has set a goal of adding 75,000 new workers to the provincial workforce by 2020.

RRC's plans to build a new Skilled Trades & Technology Centre at the Notre Dame Campus – supported by a \$60 million funding commitment from the provincial government – would allow for increased training capacity in the future.

If you are interested in registering as an apprentice, contact:

Apprenticeship Manitoba

100 - 111 Lombard Ave., Winnipeg, Manitoba R3B 0T4 Ph: (204) 945-3337 Fax: (204) 948-2346 Toll-Free: 1-877-978-7233 (1-877-97-TRADE) www.manitoba.ca/tradecareers



Department Highlights

Applied Research & Commercialization (AR&C) released a new institutional Strategic Research Plan for 2012-2015, in conjunction with RRC's Academic Plan 2020 and Strategic Plan 2012-2015. Key aspects of the Strategic Research Plan's objectives include: continued building of research capacity; efforts to network, partner, and collaborate across industry sectors; provision of unique research training opportunities for staff, students, and the College community; and increased faculty and student awareness of applied research.

AR&C also released its 2011-2012 Year in Review, a 12-page professionally designed document highlighting projects from the past year.

College Applied Research Development Fund: RRC announced in June 2013 it had awarded over \$80,000 in research funding to College faculty, staff, and students through the 2013 College Applied Research Development (CARD) Fund. This year's projects – which were selected from a record 21 submissions requesting over \$160,000 – are a diverse group that ranges from removing chemical pollutants in wastewater to researching the density of amphibian eggs.

AR&C employed several students who assisted in applied research projects. To provide a proper working environment, AR&C upgraded an existing trailer at the Notre Dame Campus and can now provide project office space for up to nine students.

RRC is part of the Heartland Applied Research Partnership with Assiniboine Community College, Saskatchewan Institute of Applied Science and Technology, and University College of the North.

RRC signed applied research memorandums of understanding with:

- L'École d'Ingénierie et Travaux de la Construction (ESITC Caen, Normandy, France), and
- · British Columbia Institute of Technology.

Applied Research & Commercialization

Ray Hoemsen, Director Notre Dame Campus, Room C506 Phone: 204-632-2523, Email: rhoemsen@rrc.ca

In total, AR&C employed 27 RRC students during the reporting period. Fifteen students worked on SITRG projects and 12 students worked in the DTAPP program.

Sustainable Infrastructure Technology Research Group: RRC's Sustainable Infrastructure Technology Research Group (SITRG) is continuing work on new and existing projects focused on green-building research and renewable energy. After successful tests on the 363 Broadway building in Winnipeg SITRG continued its air-leakage testing of Manitoba commercial buildings. In 2012, Manitoba Hydro and Red River College started a partnership to test an additional 20 buildings. Since then, SITRG has tested seven more buildings, including the Winnipeg Construction Association office and the Sturgeon Heights Community Centre.

SITRG also finished preparations on the parabolic solar trough in advance of phase-one testing in Fall 2013. Located at the Notre Dame Campus, the parabolic solar trough is a joint research-project between the College, the University of Manitoba, and Manitoba Hydro. The research team is investigating the potential of this technology in Manitoba's cold climate, with the hope of using it for heating applications in remote communities.

Several ongoing projects with industry partners also began during this reporting period. The first project, a partnership with Global Wind Group, is testing the torque and power of a wind turbine generator. A second project involves testing the feasibility of capturing energy from polluted air inside industrial environments, as opposed to dumping the pollution outside or not filtering it at all.

SITRG supported three student teams from the Architectural/Engineering Technology program on their applied research projects, including: a passive solar greenhouse modeling/performance project; infrared thermography camera investigation for building deficiencies; and moisture monitoring of a restored heritage building (Paterson GlobalFoods Institute).

AR&C welcomed SME Engineering's Russell Lavitt, mechanical engineer of record for the Winnipeg James Armstrong Richardson International Airport terminal to deliver a presentation to the College and interested clients and stakeholders. Lavitt presented on SMS Engineering's involvement in making the new Winnipeg airport one of the most energy-efficient airports in the world.

AR&C completed renovations to the environmental chambers in the Centre for Applied Research in Sustainable Infrastructure (CARSI). The renovations included installing a wall section that will be used for thermal resistance testing, as well as enabling use of one chamber to test small passenger vehicles.

RRC's Sustainable Infrastructure Technology Research Group (SITRG) acquired CAN-BEST smart-lab equipment that will be used for air-leakage, waterpenetration and structural testing.

Digital Technology Adoption Pilot Program (DTAPP): Applied Research & Commercialization (AR&C) signed a 13-month contribution agreement worth \$100,000 with the National Research Council Canada Industrial Research Assistance Program (NRC-IRAP) under its new Digital Technology Adoption Pilot Program. The focus was on the construction and manufacturing sectors. Specific objectives included:

- Catalyze community engagement and awareness, enabling SMEs to adopt digital technologies to increase their productivity; and
- Provide expert technical, information, or business services to SMEs to assist them in adopting digital technologies.

To achieve these goals, RRC delivered on three key project components:

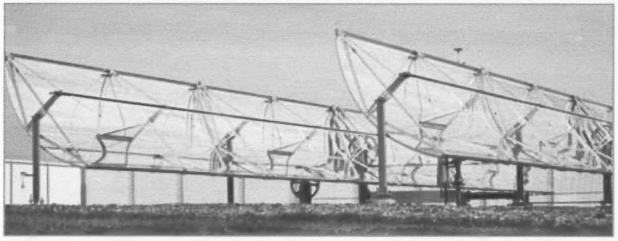
Digital technology strategy research and reports: As part of its digital-technology strategy development, RRC delivered three reports (two for the construction sector and one for the manufacturing sector). The construction reports, written by Ken Klassen, CARSI Research Professional, RRC, include a profile of Manitoba construction SMEs, an assessment of available digital-technology roadmaps, and a list of current and emerging digital technologies in the construction sector. The manufacturing report, written by Fred Doern, TAM Research Chair, summarizes the key findings and recommendations from a number of technology roadmaps, and identifies a strategy to assist SMEs in identifying digital technologies that can boost productivity within their manufacturing operations.

Over 11 months, RRC held 14 digital-technology events in the Manitoba communities of Winnipeg, Brandon, and Winkler. These events ranged from consultations, with presentations on digital technology strategies and discussion around strategic needs for Manitoba SMEs, to awareness sessions devoted to specific types of technologies.

Digital Technology Advisory Support Services (DTASS): RRC worked directly with clients to address specific digital-technology needs, delivering eight Digital Technology Advisory Support Service (DTASS) reports to seven respective clients. Fifteen individuals from RRC, including students from the Technology Management program, educational assistants from the Business Information Technology program, and one researcher from AR&C, worked with their respective clients to identify productivity issues and recommend potential digital-technology solutions. In one case, they assisted with initial implementation of a recommended digital technology. These solutions ranged from automation and robotics to software and mobile applications.

Inventory of College Applied Research Expertise: AR&C completed preparations on the new Inventory of College Applied Research Expertise (iCARE) in advance of beta testing in Fall 2013. When complete, iCARE will offer a comprehensive online database of RRC research expertise for prospective industry partners.

Electric Vehicle Technology & Education Centre: In its first full year of operation, RRC's Electric Vehicle



Parabolic Solar Trough at Notre Dame Campus

Technology & Education Centre (EVTEC) significantly expanded its research into testing the viability of consumer electric vehicles in cold-weather climates. In addition to its existing fleet of Toyota Prius and Mitsubishi iMiEV cars, EVTEC tested two new electric vehicles that are surging in the consumer market: the Chevrolet Volt and Nissan Leaf.

To support this testing, EVTEC implemented into its fleet PERSENTECH data loggers capable of tracking CO₂ emissions, location, and fuel consumption. RRC, with funding from the Vehicle Technology Centre, also installed the first of two planned level-2 chargers for electric vehicles at the Notre Dame Campus. Currently limited to testing, the chargers will eventually offer a public platform for sustainable transportation at RRC, while collecting data for further research.

RRC reached another milestone in its all-electric battery bus project, a partnership between the College, New Flyer Industries (NFI), Manitoba Hydro, Mitsubishi Heavy Industries (MHI), and the Province of Manitoba. The initial three-year, \$3-million project with one prototype has evolved to a five-year, \$10-million project with five prototypes and new partner Winnipeg Transit. NSERC also granted the College an Applied Research Development Level 2 award of \$222,000 for the integration of the MHI battery packs into the NFI Xcelsior all-electric transit bus. With the project expansion, and with new funding from Sustainable Development Technology Canada, EVTEC began work on the design, analysis and integration of nextgeneration MHI batteries into NFI's bus prototypes. Along with this new role, RRC continues to focus on developing the bus's charging infrastructure, prototype demonstration, and evaluation.

Manitoba Clean Water Technology Special Interest Group: RRC entered into an agreement with NRC-IRAP to develop the Manitoba Clean Water Technology Special Interest Group. With partners Manitoba Environmental Industries Association (MEIA) and the International Institute for Sustainable Development (IISD), the group is focusing on solutions for water and wastewater treatment to improve water equality and mitigate environmental impacts.

The group's first major project in 2013 involved supporting a team investigating the feasibility of using floating cattail platforms to clean up harmful nutrients in Lake Winnipeg.

RRC supported the project in several ways, including a co-operative student from the Greenspace Management program, Jade Raizenne, who worked with Native Plant Solutions on cattail propagation. Ruth Rob, an instructor in the Greenspace Management program, also worked with Curry Industries on two Technology Advisory Support Service reports to assist bioplatform development.

AR&C also hosted three water-technology events in 2013 that provided a platform to showcase new technologies and discuss the future of clean water in Manitoba and Canada.

RRC established the following applied research facilities and equipment at Paterson GlobalFoods Institute:

- Basic food preparation laboratory space and food demonstration space
- · Professional baking, pastry, and mixology laboratories
- Jane's Restaurant (fine dining/teaching restaurant), regional cooking (dining self-serve/teaching facility)
- Specialized equipment and capabilities including: sous vide cooking; hot air, steam and combination cooking; smoking; dehydration; freezing; anti-griddle; broiling; rotating oven; Thermomix multi-function unit; vacuum packing; induction cooking; grain milling; ice cream, sorbet, mousse and sauce making; and enhanced wine evaluation capabilities.



AR&C representatives participated (presented or exhibited) in several industry and research related events, as follows:

- Invitational Public Safety Canada workshop on high-impact, low-frequency events to enable Canada to be better prepared to respond to events such as earthquakes and cyber attacks.
- 2012 Centrallia International Conference and Trade Show in Winnipeg. Ray Hoemsen, Rob Spewak, and Dr. Dave Woytowich (Civil Engineering Technology) participated in the water forum.
- · 2012 QUEST Energy conference in Winnipeg.
- Western Diversification's mission to the Canada-Ohio Aerospace Summit.
- Composite Innovation Centre's mission to the American Composites Manufacturing Association's Composites 2013. RRC's experience with lithium ion batteries in vehicles at an invitational International Energy Association workshop.
- Evolution of college-based research at the Global Innovators Conference 2013 in Qatar.
- Co-presented (with Manitoba's Centre for Emerging Renewable Energy) on Manitoba-based activities in electric transportation at the Electric Mobility Canada's Electric Vehicles 2012 conference.
- Co-presented (with Manitoba Hydro) at the Electric Vehicle & Infrastructure Summit in Toronto on the all-electric battery bus project involving RRC, the Province of Manitoba, Mitsubishi Heavy Industries, Manitoba Hydro, New Flyer Industries and Winnipeg Transit.
- Vehicle Technology Centre (VTC), participated in a presentation to the Minister of Manitoba Entrepreneurship, Training and Trade regarding VTC's continued support for Manitoba's heavy equipment and transportation sector - which includes product development and training needs.

- Canadian Pavilion at the JSAE Automotive Engineering Exposition (Japan).
- · Paris Air Show (France).
- RRC Greenspace Management program (about green roofs).
- University of Manitoba, Faculty of Engineering (development of Manitoba's green-building policy).

Staff Notable Achievements

Ray Hoemsen was appointed to, or continued to serve on the following boards and committees: Alliance for the Commercialization of Canadian Technology, APEGM Foundation, Association of Professional Engineers and Geoscientists of the Province of Manitoba (Discipline Committee), Canadian Environmental Test Research & Education Centre (EnviroTREC), Centre for Emerging Renewable Energy, Composites Innovation Centre (CIC) Manitoba, Manitoba Green Vehicle Working Group (Chaired by James Allum, MLA), Manitoba Health Innovation and Technology Consortium (IEM and Health), Manitoba Vehicle Technology Centre, National Research Advisory Committee (ACCC), and Underwriters Laboratories Technical Committee on Batteries for Electric Vehicles. TCBEV 2580.

Research Manager Rob Spewak was appointed to, or continued to serve on the following boards and committees: RRC's joint Workplace Health and Safety Committee, and the Alliance for Commercialization of Canadian Technologies Membership Committee.

RRC seconded AR&C Technology Transfer & Communications Manager Brent Wennekes to serve as Research & Programs Manager for the RRC-supported Innovate Manitoba.

Passive Solar Greenhouse at Notre Dame Campus





Co-operative Education

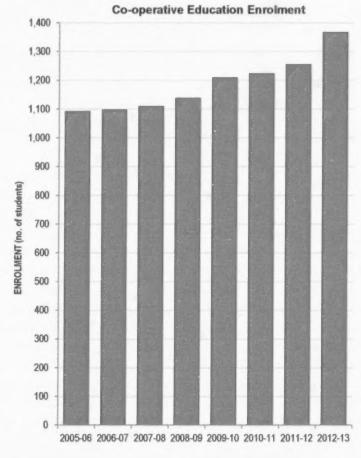
Red River College is committed to the philosophy and nature of co-operative education and has made the expansion of co-op programming a priority.

Co-operative education integrates related on-the-job experience with classroom theory by alternating terms of paid employment and academic study. Over the years, the College has introduced this proven system into an increasing number of programs. Co-operative education has been offered in three programs in the College's Hospitality department since the late 1970's. Starting in 1991, rapid growth has occurred in the number of programs offering a co-op mode of delivery.

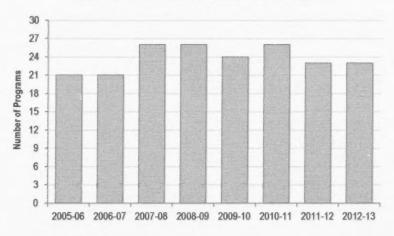
The number of students enrolled in co-op programs was 1,367 in 2012-13. The total number of co-op programs stands at 23.

- · ACCESS Civil Engineering Technology
- · Architectural/Engineering Technology
- Building Design CAD Technology
- · Business Information Technology
- · Cabinetry & Woodworking Technology
- · Chemical and Biosciences Technology
- · Civil Engineering Technology
- Construction Management
- Culinary Arts
- · Electrical Engineering Technology
- · Electronic Engineering Technology
- · Environmental Protection Technology
- · Geomatics Technology
- Greenspace Management
- Hospitality & Tourism Management
- Hotel and Restaurant Management
- Instrumentation Engineering Technology
- · Mechanical Engineering Technology
- · Municipal Engineering Technology
- · Professional Baking & Patisserie
- · Structural Engineering Technology
- Technical Communications
- Tourism Management

Co-operative Education will continue to be considered as a delivery mode for new and existing programs where marketplace, students and the employing community find it a viable educational method.



Number of Co-operative Education Programs



International Education

Department Highlights

The number of international students at Red River College has grown significantly over the last few years. In 2012/2013, Red River College has seen a 31% increase in the International Student population. As of June 30 there were 703 registered international students – 490 students in the various academic programs and 213 students in the Intensive English for International Students (IEIS) at the Language Training Centre, representing a total of 50 different countries. The top source countries to our programs are China and India, with Nigeria showing greater interest.

Throughout the academic year RRC received 1,402 applications from international students. This represents a significant increase of 40%, based on year-over-year statistical data.

Popular academic programs among international students are Business Administration, Applied Accounting, Business Information Technology, International Business, Aircraft Maintenance Engineering, Technology Management, Electrical and Mechanical Engineering Technology, Quality Assurance/Quality Control in Pharmaceutical Industry, Hospitality Management and Culinary Arts. Red River College is also seeing an increase in enrolment in the Automotive Technician and Heavy Duty Equipment Mechanics programs.

To market the benefits of RRC, International Education participated in student fairs in growth countries including: China, India, Dubai, Mexico, Brazil and Chile. It also participated in an educational mission to India that was organized by the Association of Canadian Community Colleges (ACCC).

RRC hosted key delegates from China, Nigeria, Germany, Japan and Finland. Red River College continues to expand the scope of its international partnerships, having met with high-level delegations. Some of these meetings have led to signing agreements that have resulted in joint partnerships and exchange programs.

Agreements have occurred with the following organizations from the various countries:

- China Shijiazhuang University and Red River College entered into an agreement that will help connect students from both schools through academic exchange opportunities.
- China Xi'an Siyuan University, an international partner, is reviewing programming opportunities in business, language training, and construction and engineering technologies
- India A Memorandum of Understanding was signed in Mohali, India with the President of Continental Group of Institutes. Red River College actively recruits in India and signed deals with five educational institutions to bring hundreds of new students to Manitoba.
- Finland Delegates shadowed instructors from RRC's Automotive and Information Communication Technology programs. The group was comprised of instructors and administrators from five Finnish colleges, and included representation from the fields of Vehicle Technology and Information Communication Technology, Student Guidance and Counselling, and International Affairs.
- Japan Delegates discussed possible partnership opportunities that will expand the College's international reach with special interest in language training and hospitality management.



APPENDIX: Program Highlights, 2012/2013

Program	1st Year Quota	Start Month	1st Year Enrolments	2nd Year enrolments	3 - 5 Year Enrolments	Total Enrolments	Female	Aboriginal	Persons with Disabilitie	Graduates
School of Business & Applied Arts			125			7				
3D Computer Graphics	15	8	15			15	5	1		15
American Sign Language-English	16	9	14	13	11	38	35	3	2	8
Applied Accounting	140	3/1	126		-	126	67	12	2	82
Aviation Management	-	8		9	-	9	2			7
Business Administration	622	8/1	610	436		1,046	563	92	11	318
Business Administration Integrated	64	8	27	16	-	43	25	24	1	
Business Information Technology	165	8/1	131	117	****	248	28	16	9	68
Commerce/Industry Sales & Marketing	35	8	30		-	30	3			17
Creative Communications	75	8	79	67		146	87	8	1	62
Deaf Literacy Program	-	9	38			38	11	2	16	and a
Deaf Studies	20	9	17			17	12	3	1	10
Digital Media Design	40	8	50	48		98	45	7	2	41
Graphic Design	50	8	55	49	-	104	64	6	1	41
Graphic Design - Advanced	20	8	15	con	-	15	8	1	-	12
Health Information Management	30	8	25	-	-	25	20		1	-
International Business	60	1/5	68	-	-	68	25	0.00	-	24
Introduction to Business Information Technology	33	8/1	34		e-size	34	4	3	3	22
Library and Information Technology	-	egalquin	-	30		30	23		-	29
Technical Communication	25	8	15	13	400	28	8	1	2	11
School Total	1,410		1,349	798	11	2,158	1,035	179	52	767

Program	1st Year Quota	Start Month	1st Year Enrolments	2nd Year enrolments	3 - 5 Year Enrolments	Total Enrolments	Female	Aboriginal	Persons with Disabilities	Graduates
School of Construction & Engineering Te	chnologi	es								
Cabinetry & Woodworking - Certificate	22	8	20			20	3	3	1	10
Cabinetry & Woodworking Technology	18	8	19	13	-	32	3	6	1	6
Carpentry	80	8/1	69	-	600	69	5	10	2	52
Civil Engineering Technology	200	8/1	211	440	-	211	35	14	-	-
Architectural Engineering Technology	-			32	18	50	9	4	1	17
Environmental Protection Technology				13	16	20	6	2	-	12
Geomatics Technology	_			26	26	52	4	4	1	23
Municipal Engineering Technology	-	-		36	44	80	12	2	-	38
Structural Engineering Technology	-			31	35	66	7	4	1	35
Building Design CAD Technology	_	***	-	27		27	6		1	18
Construction Management	24	8	27	24	29	80	9	4	1	8
Electrical Engineering Technology	144	8/1	172	40	29	241	11	12	1	30
Electronic Engineering Technology	-			36	20	56	1	2	1	18
Instrumentation Engineering Technology	-		-	19	10	29	-	***	1	10
Electrical Engineering Technology Integrated	24	8	12	14	600	26	4	3	4400	1000
Electronic & Network Technician	32	8/1	32			32	2	1	1	13
Electrical	96	8/1	91		000	91	5	8	-	70
Geographic Information Systems (GIS) Technology	16	8	11		-	11	5		6.00	10
Greenspace Management	22	8	26	14	15	55	14	2	1	15
Network Technology (CCNA) Certificate	18	8	19	-	600	19	1	2	1	8
Network Technology (CCNP) Certificate	-	8	3	-	-	3	410			1
Network Technology (CCNP) Diploma	16	8	13	-		13		1	000	12
Plumbing	80	8/2	77	-	-	77	2	4	1	57
Refrigeration and Air Conditioning Technician	18	1	18	0000		18		2	000	16
School Total	810		820	325	242	1,387	144	90	16	488

Program	1st Year Questa	Start Month	1st Year Enrolments	2nd Year enrolments	3 - 5 Year Enrolments	Total Enrolments	Fernals	Aboriginal	Persons with Disabilities	Gradusten
School of Health Sciences & Community S	ervices									
Animal Health Technology	30	8	32	19	-	51	49	4	-	18
Chemical & Biosciences Technology	45	8	30	21	-	51	32	2	2	17
Child and Youth Care	25	8	19	39	-	58	49	8	9	27
Dental Assisting - Level II	50	8	50	-	-	50	46	4		47
Diploma Nursing (Accelerated)	-	-		-	-	-	000	-		50
Disability and Community Support	30	8	37	26		63	54	8	9	25
Early Childhood Education	60	8	74	67	-	141	127	9	7	45
Early Childhood Education - Workplace	50	9/2	52	48		100	93	15	600	47
Health Care Aide	120	9/2	111			111	85	8		120
Magnetic Resonance Imaging (MRI) and Spectroscopy	20	8/2	7			7	4	-	***	10
Medical Laboratory Sciences	36	8	35	31	600	66	46	3		30
Medical Radiologic Technology	40	8	41	33	-	74	57	6	1	33
Paramedicine - Primary Care Paramedic	40	8	40	-	-	40	19	4		26
Pharmacoutical Manufacturing	25	8	23		-	23	11	2	1	14
Quality Assurance/Quality Control (QA/QC) in the Pharmaceutical Industry	40	8	39	200		39	10	****	2000	38
Registered Nurse	225	8	281	162	149	592	520	66	1	-
Rehabilitation Assistant		8	20		con	20	11	-	can	19
School Total	836		891	446	149	1,486	1,213	139	22	566
School of Hospitality & Culinary Arts										
Culinary Arts	100	8/1/5	106	56	-	162	78	24	2	36
Hospitality & Tourism Management	85	8/5	90	-		90	53	5	1	
Hotel and Restaurant Management	-		-	34	-	34	22	-	-	13
Tourism Management	-	-	-	22		22	17	1	600	6
Professional Baking & Patisserie	19	8	19	-	-	19	18	1	-	15
School Total	204	-	215	112	-	327	188	31	3	70

Program	1st Year Questa	Start Month	1st Year Enrolments	2nd Year enrolments	3 - 5 Year Enrolments	Total Enrolments	Female	Aboriginal	Persons with Disabilities	Graduates
School of Indigenous Education										
Aboriginal Language Specialist	20	8	11	6	-	17	15	13		6
Aboriginal Self-Government Administration	10	8	8	4	-	12	6	10	-	3
Academic Development Programs		-	389	-		389	225	21	5	-
Blindigen College Studies	60	8/1	37	-	-	37	19	32	800	8
Community Development/Economic Development (CD/DED)	25	8	10	8	-	18	15	7	-	9
Computer Applications for Business	20	8	5	9	-	14	12	12	-	9
Introduction to Trades	48	8/1	86		-	66	10	62	-	42
School Total	183		526	27	-	553	302	157	5	77
School of Transportation, Aviation and Man	ufactı	aring								
Aerospace Manufacturing	32	9/1	31	000		31	1		Amel	30
Aircraft Maintenance Engineer	48	8/11/1	65	-		65	4	3	-	46
Automotive Service Ed Program	-	-	37	-		37	-	-	-	36
Automotive Technician - Certificate	75	9	90	-		90	6	6	-	46
Automotive Technician - Diploma	24	9	17			17	1	4	000	12
Collision Refinishing	10	10	5	-		5		-	-	2
Collision Repair and Refinishing	30	9	29	-	-	29	1	3	-	23
Heavy Duty Equipment Mechanic	48	9	50	-	-	50		8	-	33
Introduction to Aircraft Maintenance Engineer	16	1	6	-	-	6	-	1		-
Manufacturing CAD	15	8	15			15	2		500	11
Manufacturing Technician	16	8	14	6		20	****	3	***	6
Mechanical Engineering Technology	52	8	41	35	24	100	7	5	1	20
Outdoor Power Equipment Technician	14	9	13	-	-	13	1	2	-	12
Power Engineering Technology	25	8	24	21	-	45	-	1	-	22
Precision Metal Machining	16	8	12	4000	000	12	-	1		3
Technology Management	25	8	22	-	000	22	6			22
Welding	36	8/11	35	-	-	35	6	8	1	25
School Total	482	620	506	62	24	592	35	45	2	349

Program	1st Year Quota	Start Month	1st Year Enrolments	2nd Year enrolments	3 - 5 Year Encolments	Total Enrolments	Female	Aboriginal	Persons with Disabilities	Graduates
Centre for Teaching Excellence, Innovation	n & Rese	arch (TEIR)							
Business/Technology Teacher Education	12	8	3	1	5	9	5	F00.00	686	2
Business/Technology Teacher Education - After Degree	4	8	5	4		9	5		***	4
Industrial Arts/Technology Teacher Education	16	8	9	5	20	34	4	600	090	2
Industrial Arts/Technology Teacher Ed - After Degree	2	8	1	6		7	-		-	5
Technical Vocational Teacher Education	16	8/9	11			11	5	2	1	8
School Total	50	-	29	16	25	70	19	2	1	21
GRAND TOTAL	3,771	-	4,121	1,674	451	6,246	2,748	612	92	2,268

School of Continuing Education										
Administrative Assistant	50	10/2	56			56	52	7	2	44
Applied Counselling	56	8/11	51	-	000	51	43	8	1	28
Educational Assistant	60	8/11	59			59	46	10	2	71
Health Unit Clerk	32	8/2	24	eas	-	24	23	2	estimo	24
Legal Administrative Assistant	25	7	29	8100		29	28	5	-	16
Occupational Health & Safety	28	10	28	****	000	28	12	3	1	23
Power Engineering - 5th Class	12	1	12		-	12			000	11
Professional Photography	25	8	25			25	17	5	2	17
Railway Conductor	96	6/1/5	70	-	607	70	6	6	1	77
Recreational Facilitator for Older Adults	21	9	17	60%		17	17	1	1	16
Residential Decorating Certificate Program	25	2	19	9.50	0.00	19	16	400	1	19
School Total	430		390	6000	000	390	260	47	11	346



